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Repeater Journal

8 STATE REPEATER INDEX INSIDE

The Official Voice of SERA, Inc.

February, March, April, 2001 3.00

The Raleigh Marathon

The RARS Club Provides Communications

Raleigh Amateur
Radio Society

In This Issue!

- Updated 2001 Hamfest Calendar
- Directors & Vice Directors Installed
- "The Repeater Workshop" A New Series
- More New Repeater Journal Correspondents
- The SERA 2001 Winter Board Meeting - Details

RALEIGH MARATHON

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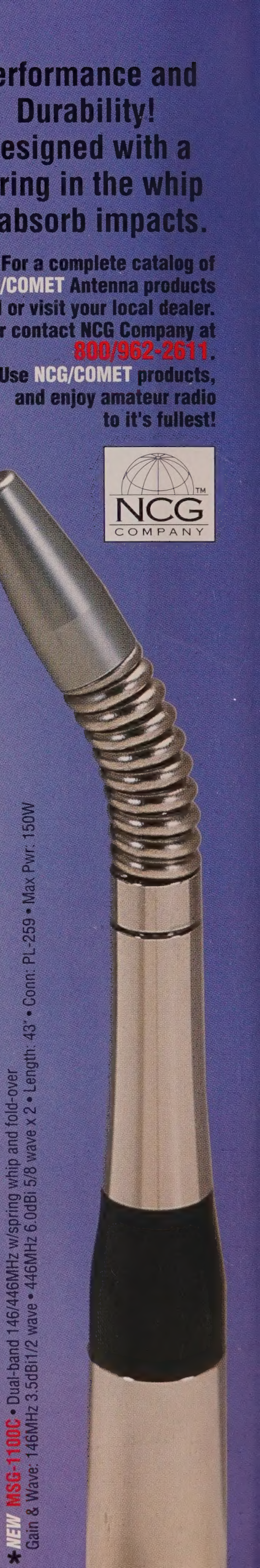

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IMPORTANT NOTE: If you want help, information or guidance in coordinating, re-coordination, or any other technical assistance on a repeater - look up your local coordinator and contact him. He will be glad to help. This SERA service is FREE!

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SERA Repeater Journal
The Official Voice of SERA, Inc.

By Far . . .The Most Recognized Regional Amateur Publication in the United States

The Voice of the SouthEastern Repeater Assn., Inc.
Published 4 Times A Year in Feb., May, Aug., Nov.
Exclusively for Southeastern Repeater owners and users.

Editorially Speaking . . !

Why Be Coordinated?

In the beginning, Amateur frequency coordinating organizations had no power, no teeth, no real legal reason to exist. Then a few years ago, the FCC, which never officially recognized coordinators, came out with rules when properly interpreted became the basis for repeater owners to line up and get their systems coordinated with the local coordinator.

The Commission in one of it's rules stated - that in cases of interference between a coordinated repeater, and an uncoordinated - the uncoordinated licensee bore the primary responsibility to resolve the problem.

This wasn't exactly what the coordination community was hoping for, but they got it, and in many ways, it has worked. For many years, when there was repeater interference and solutions could not be achieved by the local coordinator, and was forwarded to the FCC, it wound up being thrown back into the hands of the coordinator, with the reminder - "settle the problem among yourselves."

Lately though, something seems to be happening with the FCC. We've heard much more about FCC enforcement lately - about ham operators being fined for "illegal" operations. Now we're beginning to hear enforcement news about repeater interference.

I noticed in the January 1st issue of W5YI Report where about a third of a page was devoted to notices about FCC action with repeater owners.

> A New York repeater owner was ordered to respond to an FCC inquiry into the status of his alleged uncoordinated repeater causing interference to a coordinated repeater. He was reminded that he had primary responsibility to resolve the interference.
>
> In Connecticut a repeater owner notified the FCC that he has removed his 6M and 2M repeaters from service until he is able to obtain frequency coordination.
>
> A California repeater owner has been cited for operating a repeater system with abnormally wide bandwidth and signal spurs with no apparent control operation. The FCC has requested information about his system, control operators, and his coordination information.
>
> Another New York repeater owner has been asked by the FCC to forward information about his repeater, including the coordination document. They want to know if he has received interference complaints about his system, and any action taken to resolve the complaints. His repeater is reportedly causing harmful interference to a coordinated repeater.

It is becoming clear as we enter a new year, that the FCC is taking a harder look at repeater owners who apparently want to ignore coordinators and the existence of other repeaters, and choose to turn their back on interference complaints.

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The Official Voice of SERA, Inc.

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"Providing 30 Years" Of Continuous Service To Amateur Radio

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Check out the Official SERA Web Site: www.sera.org

About the SouthEastern Repeater Association,

SERA, SouthEastern Repeater Association, Inc. is the largest, most well known, non-profit Repeater Coordinating Organization in the United States. SERA territory covers over 329,000 square miles across 8 states. Over 2,270 repeaters are available to more than 92,300 Amateurs from the Southeastern member States of Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee, Virginia, and West Virginia. In 2001, SERA enters its 30th year of service with our continued mission statement: "To serve the Amateur repeater owners and users of the Southeast by providing a voice of communications, information and education with the publication of the *Repeater Journal*, and the guidance of our State (Director) Coordinators, officers and volunteers."

About the SERA Repeater Journal Magazine

The *Repeater Journal*, voice of SERA is published quarterly, on the first of the months of February, May, August and November and mailed free to members of SouthEastern Repeater Association, Inc. DEADLINES: News and Ad copy due the 1st of the month, one month prior to publication. (Jan. 1 for Feb, Apr. 1 for May, Jul. 1 for Aug. and Oct. 1 for Nov. issues.) The *Repeater Journal* is mailed Bulk Rate at the Post Office in Greensboro, NC. The *Repeater Journal* newsstand cover price is $3.00 and is available from numerous retail Amateur Dealers in the southeast. News and newsletter exchanges should be mailed to the Editor or for coveratge to individual State corresponodents whose addresses are in this book under their indivudal State Columns.

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About SERA Associate Membership

(A Membership for Repeater Users)

Amateurs, especially repeater users, are invited to join SERA as Associate Members. Only $8.00 per year will enable one to support the organization and receive the Repeater Journal. Associate Membership deadlines are the 15th of the month preceding months of publications - (Jan. 15, April 15, July 15, and October 15). Persons joining or renewing their memberships must have their application into the Tobaccoville Post Office Box by those deadlines to receive the next upcoming Repeater Journal, published the first week of February, May, August and November. Memberships received after deadline will receive the forthcoming issue the following quarter. HOT-P Associate Memberships (Repeater Journals mailed 1st Class rate) are limited to one year memberships at $14.25 per year. Regular membership Repeater Journals are mailed Bulk Mail. SERA does not issue receipts for Membership applications, nor are Repeater Journals forwarded to new addresses. If you move, we must be notified. Members should wait until next Repeater Journal comes out to report any problems. Write SERA Associate Membership, P.O. Box 215, Tobaccoville, NC, 27050-0215 for further information. Associate Members may hold appointive offices and positions within the SouthEastern Repeater Association, Inc.

About SERA Full Repeater Membership

(A Membership for Repeater Owners & Sponsors)

Officers and Directors are elected from Repeater representatives who are SERA Full Members. Any repeater owner or club may with a coordinated, operable, repeater, join SERA as a Full Member. Full Membership application, coordination information (if not on file) and $20.00 should be submitted for the annual Full Membership fee. Two Full Members, named and listed on the application by the owner, receive the Repeater Journal from each application. The Full Member repeater is also appropriately recognized as a SERA supporter in the repeater index with a "Smiley Face" (☺) code. All Full Memberships expire on December 31 of each year. Write SERA Membership, P.O. Box 215, Tobaccoville, NC 27050-0215 for further information.

Directors/Vice-Directors Installed

SERA Board Holds Winter Meeting

SERA, The SouthEastern Repeater Association, Inc., held its annual Winter Board meeting on Jan. 5-7 at the Ramada Inn at Pigeon Forge, TN.

Highlight of the weekend was the installation of Directors and Vice Directors for new two year terms for each of the eight SERA Districts. In turn the Directors appointed Assistants to help out during their term.

The Board also held discussions about conditions and actions occurring in each of their States over the past year. During the weekend, some changes were made to the 70 cm bandplan. Each of the officers,offered staff reports to the members present.

Other items covered included a slight re-wording of the SERA Copyright to clarify it meaning. A small change was made to the Coordination Policy and Guidelines and an addition to the Publications staff was named.

Directors / Vice-Directors

Directors and Vice-Directors for most states were returned to office for another term of office. There was a new Vice-Director for Virginia.

Here is a state-by-state listing of Directors, Vice-Directors and appointments of Assistant Directors. A complete listing with addresses and phone numbers may be found on page one of this magazine.

GEORGIA - Richard Wright, W4LOC and Jeff Benjamin, W4KMB were returned as Director and Vice-Director respectively. Wright re-appointed Terry Jones, W4TL and Scott Haner, KB0Y as Assistants.

KENTUCKY - Jerry Shouse N4EQT was returned as Director. There were no nominees or appointments for Vice-Director or Assistants.

MISSISSIPPI - Steve Grantham, N5DWU returned as Director. He indicated at the Board meeting that he had several contacts within the state he was looking into for some additional help.

NORTH CAROLINA - Danny Hampton, K4ITL and Frank Lynch, W4FAL returned as Director and Vice-Director. Re-appointed as Assistants were Bob Lukaszewski, K4HA and Chuck Wright, K4YNS.

SOUTH CAROLINA - Bill Jones, N4MNH and Ed Frank, KC4ED returned as Director and Vice-Director. Roger Gregory, W4RWG returned as their Assistant.

TENNESSEE - Johnny Wofford, WA4ETE and Tim Berry, WB4GBI returned as Director and Vice-Director and Andy Masters, NU5O as Assistant. A new Assistant, Mike Conway, KD4VVA, was appointed and will be coordinating Middle Tennessee.

VIRGINIA - Don Williams, W4VT returned as Director and Jim Campbell, K4YM was nominated and elected as the new Virginia Vice-Director. K4YM with replace Jim Green who died last year. Charlie Stokes, WA4PVT was re-appointed as an Assistant.

WEST VIRGINIA - Dick Fowler, N8FMD returned as Director and Alex Hedrick, N8FWL as Vice-Director.

Please see separate stories on the new members of the Board, and new Assistants appointed.

70 cm Band Plan Changes

A slight change was made in the SERA 70cm bandplan to allow for four more 70cm Repeater Frequencies. The newly added pairs are 446.800-441.800, 446.825-441.825, 446.850-441.850, and 446.875-441.875 bringing the total number of 70cm repeater pairs to 128.

These frequencies came from a pool of fifteen channel pairs that had been designated for linking hub Repeater usage.

These four pair are in addition to four others - 446.900-441.900, 446.925-441.925, 446.950-441.950 and 446.975-441.975 which were added from the same pool last year.

In many of the urban areas within SERA territory, there was a much greater need for 70cm repeater pairs than linking hub repeaters. There are eleven remaining linking hub repeater pairs and based on current usage this number appears to be sufficient. The board voted to retain these 11 pair for future use as hub/linking repeater pairs.

New Spacing Requirements

An additional change to the 70cm, 33cm, and 23cm bands included a reduction of the minimum co-channel spacing guidelines from 100 miles to 75 miles for all future coordination.

The Board also decided that coordinators should require the use of CTCSS access on all these three bands for newly issued coordination.

Use of CTCSS access will eliminate many nuisance keyups from distant users during enhanced band conditions that have long caused coordinators to need an extra bit of distance for a safety margin for carrier accessed systems.

This safety margin prevented the optimum utilization of this rapidly growing segment of the amateur bands.

For more information on the SERA Band Plan, visit the SERA web site at www.sera.org.

ATV Operation on 70 cm

Frank Lynch, W4FAL in one of his training classes at the Board meeting covered parts of the FCC Rules, part 97 as it pertained to usage of certain frequencies in the 70 cm band by ATV.

ATV Repeaters, like other repeaters, must abide by Part 97, and for repeaters, specifically Part 97.205 (b) which I quote:

> *"§97.205 Repeater station.*
>
> *(b) A repeater may receive and retransmit only on the 10 m and shorter wavelength frequency bands except the 28.0-29.5 MHz, 50.0-51.0 MHz, 144.0-144.5 MHz, 145.5-146.0 MHz, 222.00-222.15 MHz, 431.0-433.0 MHz and 435.0-438.0 MHz segments."*

This is the Part 97 that defines the "forbidden area's where repeater operation (input and output frequencies) is prohibited. Some further explanation and clarification of these restrictions for 70 cm are as follows:

The 431.000 to 433.000 segment is the weak signal portion of 70 cm with most of the activity between 432.000

(Continued on Page 7)

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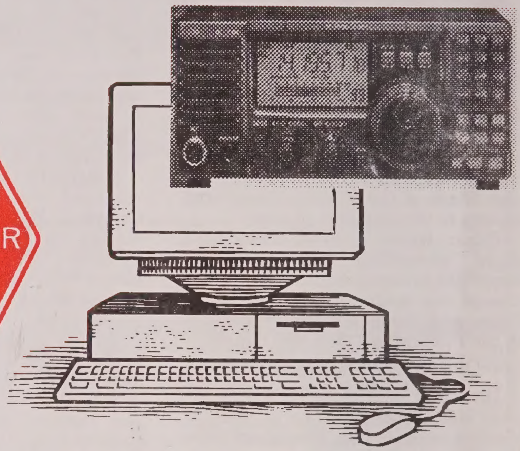

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Pre-paid Parking (Good for both days) __________ @ $3.00 = $ __________
TOTAL $ __________

NC Dept of Revenue requires us to show a NC Sales Tax number OR a signed exemption form. If you are requesting a swap fest table, you must check one box or the other and sign **before** we can sell you the table.

☐ This is to certify that I qualify for an exemption from licensing requirements as stated under NC General Statutes 105-53 because I sell crafts or goods made by me or my own household personal property.

☐ I have a NC Sales Tax number. It is: ______________________

Name (PRINT) ______________ Name (SIGN) ______________ Date ______________

and Computerfair

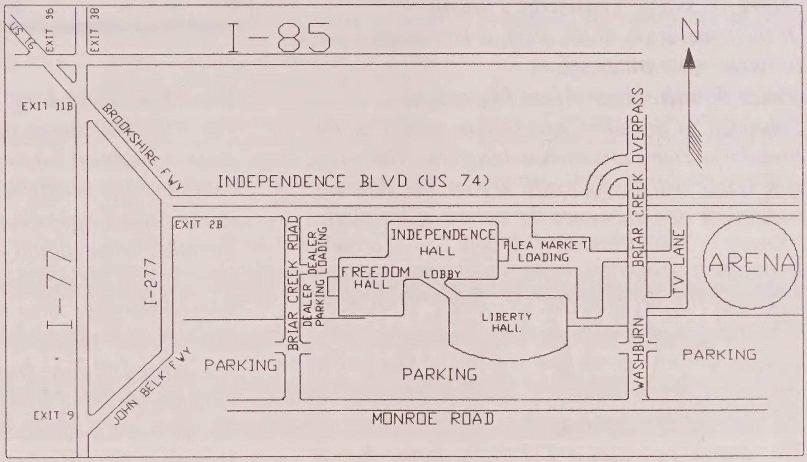
SHOW HOURS
Saturday, 8:30 AM to 5:00 PM
Sunday, 8:30 AM to 2:00 PM
Flea Market vendors may enter at 7:00 AM Saturday for setup
Flea Market may unload Friday from 12:00 Noon to 9:00 PM
Tickets $6 in advance, $8 at the door
8 ft. Swapfest Tables $22 in advance only
Pre-paid Parking $3.00 (Sat. & Sun.), $5 Day of Show

March 10 and 11, 2001

Charlotte Merchandise Mart
Freedom and Independence Halls
2500 E. Independence Blvd. (US 74)
Charlotte, North Carolina

FLEA MARKET

NOTE: Vehicles taller than 8' cannot enter Independence Hall for loading or unloading due to a low ceiling.



I-85
N
US 16
EXIT 36
EXIT 38
EXIT 11B
BROOKSHIRE FWY
INDEPENDENCE BLVD (US 74)
BRIAR CREEK OVERPASS
EXIT 2B
I-77
I-277
BRIAR CREEK ROAD
DEALER LOADING
DEALER PARKING
INDEPENDENCE HALL
FLEA MARKET LOADING
FREEDOM HALL
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dealers@w4bfb.org

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FOR PRE-REGISTRATION AND SWAPFEST TABLES, CONTACT:
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P. O. BOX 221136
CHARLOTTE, NC 28222-1136
(704) 948-7373
fleamarket@w4bfb.org

TICKETS AND TABLES GOOD FOR BOTH DAYS. KIDS 12 AND UNDER FREE
The Merchandise Mart charges $5 for parking. **The Charlotte Hamfest does NOT receive any income from parking fees.** We have arranged for discounted **pre-paid parking for $3.00**, good for both days. We suggest you car pool to reduce costs. The Merchandise Mart does not permit TAILGATING in the parking lots. No firearms permitted for sale or display. Concealed weapons are not permitted. Pets are not permitted
NO SMOKING ON THE MAIN EXHIBIT FLOOR.

Computer Automation Technology Inc.
WX-1000 Digital Weather Receiver

The NOAA Weather Radio Network broadcasts National Weather Service warnings, watches, forecasts and other hazard information 24 hours a day. With so many unsettling weather conditions, don't you think its time to provide timely weather alerts for your repeater group.

Specific Area Message Decoder

A digital decoder responds to Specific Area Message Encoded (SAME) alerts transmitted by the NOAA weather station located in your area. Select your county code and the type of alert. Select warnings and or watches.

Alert Message Transmit Timing

At the conclusion of an alert, a termination packet turns the transmitter off.

Voice Synthesizer Alert Message

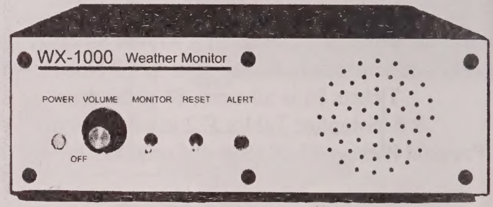
Imbedded in the alert information packet is the time the warning or watch is in effect. The voice synthesizer will periodically key-up the repeater transmitter and announce the nature of the alert. "Severe Thunderstorm Watch" "Tornado Warning" "Winter Storm Warning" "Flash Flood Watch" "Hazard Material Warning" "Avalanche Watch" "Law Enforcement Warning" and "Civil Danger Watch" are just a few of the voice synthesizer announcements.

Alert Start Logic Output

This output provides a TTL logic high when a weather alert is received. It can be used to trigger an external alarm, execute a macro or load a severe weather memory save.

Repeater Interface

The WX-1000 has been designed to easily interface to your repeater. A minimum of four connections is all that is required.



Weather Alert Log

The WX-1000 stores the date, time and type of alert in memory. Use the RS-232 port and the configuration program to down load the log.

Alert Stop Logic Output

Included in the digital packet is the length of the alert. The WX-1000 generates a stop logic output when the time period has expired. Use this output to reload a normal memory save.

Weather Disable Input

Ground this input to prevent future alerts once a sky warn net is activated.

Weather Enable Input

Ground this input to provide weather reports on demand.

WX-1000 Enclosure

The WX-1000 is installed in a 19 inch rack mount enclosure,3.5 inches high and 8 inches deep.

Ordering Information

WX-1000 *Digital Weather Receiver, With Windows Configuration Program:* ***$399.00.***

Computer Automation Technology Inc.
4631 N.W. 31st Avenue, Suite 142, Fort Lauderdale, Florida 33309
Phone: (954) 978-6171 - Fax: (561) 488-2894
Internet: http://www.catauto.com

SERA Winter Board Meeting

(Continued from Page 3)

and 433.000. The 435.000 to 438.000 segment is reserved for satellite operations by international agreement.

Just as with a SSB or FM transmission ATV users must comply with "occupied bandwidth" requirements such that emissions resulting from the modulation process do not fall outside the amateur bands or within any restricted segments of the amateur bands.

NTSC Video is transmitted using "vestigial sideband modulation". Unlike SSB, where the carrier and one of the sidebands are eliminated, VSB transmits the carrier and a portion of the lower sideband. The NTSC system used in the US (with 525 lines) has an FCC emission designator of 5M75C3F (the 5M75 means 5.75 MHz occupied BW, the C means vestigial sideband , the 3 means a single analog modulating signal, and the F means television.)

Spectrally the VSB signal extends from 1.25 MHz below the carrier to about 4.5 MHz above the carrier. (this the total 5.75 MHz bandwidth).

There are four "common" 70 cm ATV frequencies:

421.25 MHz. This would extend from 420.000 to 425.750. This is in fact where the majority of ATV repeater outputs are located. It also just happens to be the case that a cable ready TV set with the tuner set for "Cable" (vs OFF AIR) will pick this up on channel 57. This channel also meets the requirements of 97.205(b) to be used as a repeater output or input, but repeater output is probably the most common.

427.25 MHz. This would extend from 426.000 to 431.750. While we can legally use this for ATV simplex operation, because part of it's spectrum falls in the 431.000 to 433.000 segment, it's a NO-NO for ATV inputs (not to mention the difficulty and cost of the duplexer to make such a repeater actually work). SERA and the ARRL bandplans reflect this.

434.00 MHz. Many ATV equipment suppliers offer transmitters on this frequency for simplex use. For repeater usage, the occupied spectrum would cover from 432.75 to 437.500. Again as with 427.25, simplex operation is legal but repeater operation is not. SERA's bandplan reflects this. The ARRL bandplan doesn't even mention this frequency.

439.250 MHz. The occupied spectrum for this channel would be from 438.000 to 443.750. While this doesn't violate anything in Part 97, it is not part of SERA's bandplan for ATV as 441.0000 to 444.975 is primarily used for repeater outputs and auxiliary stations.

What this basically means is that to have something that's legal AND that meets SERA's bandplan, a 70cm ATV repeater can only have the output on 421.25 MHz. The input frequency must be at 33 cm, 23 cm, or higher.

Lynch warned the SERA coordinators to never coordinate or condone ATV operation on any of the above frequencies that the FCC does not authorize for its use.

Training Sessions Held

As usual, coordinators, especially the new ones got another dose of training at the Winter meeting. Sessions were held Saturday morning, before the official Board Meeting, and Saturday night, after the Board meeting.

Items covered include proper accessing of the SERA FTP site for information, running the coordination program, and putting in coordinates and the plotting of repeater patterns with our contour programs.

Proper use of forms and the electronic transmitting of them to database and the repeater owners was also covered. SERA always offers training sessions for its coordinators at each board meeting. In addition, a select person is available to any coordinator who might have a question or a problem.

Publications Chairman

Wayne Williams, K4MOB, Publications Chairman introduced Gary Pearce, KN4AQ to the group as a new Associate Editor for the Repeater Journal. Gary will learn the inner workings of the Publications Chairman and more specifically the production of the Repeater Journal.

What is Interference-Free Local Repeater Operation Worth to you?

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The Official Voice of SERA, Inc.

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To receive the next regularly scheduled Repeater Journal, your application must arrive at the Tobaccoville Post Office Box by Quarterly Deadline times below:

FEB. - By Jan.15th
MAY - By Apr. 15th
AUG - By Jul. 15th
NOV - By Oct. 15th

Yes! I Want to Support SERA and Get the Repeater Journal

RJ 02-01

Please make check payable to: SERA Membership *(Please Print Carefully Below)*

Name____________________________ Call____________

Address____________________________ Date____________

City____________________ State______Zip__________

Phone [______] ______ ________ ARRL Member { } YES { } NO

E-Mail Address____________________________________

(IMPORTANT: Please Print above information carefully & Legibly)

$__________ Enclosed for ____Year(s) Membership.

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New Member [ ]
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Cost: $8.00 per Year
(Max sign up - 2 Years)
Journaled Mailed Bulk Rate

HOT-P Mbr [ ]
Cost $14.25 per Year
(Max sign up - 1 Year)
Journal Mailed 1st Class

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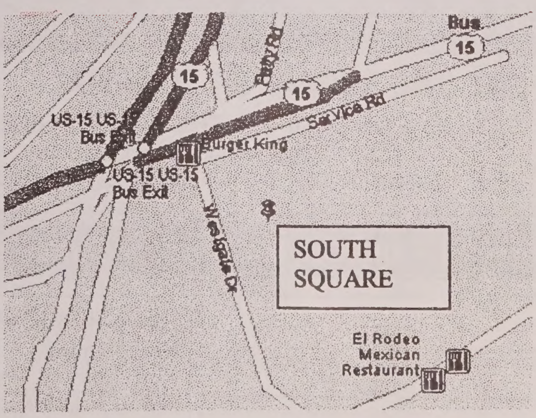
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Gary Pearce Named Journal Associate Editor

Gary Pearce, KN4AQ was named Repeater Journal Associate Editor effective January 1, 2001.

Gary Pearce, KN4AQ

Pearce, has been serving as a Feature writer for the Repeater Journal. His column "Getting Started" is very popular with the newcomers to Amateur radio.

Gary's new job will be that of learning the job of contacting, soliciting, collecting, composing and designing the Repeater Journal. Gary will be working closely with Wayne C. Williams, K4MOB, the Editor, who holds the title as Publications Chairman within the organization.

Williams said he had been searching for a person who would be dedicated and already have the capability of composition and design of magazines.

"When I discovered Gary about a year ago, and saw what a beautiful job he was doing on his club's newsletter, I went after him," Wayne said.

Gary is presently editor of the Raleigh, NC ARS newsletter "The Exciter." He said he plans to continue this job for the near future anyway.

The job of Publications Chairman in the SERA organization is vital to the generating and production of the Repeater Journal. It was decided that a second person should be trained to assist in getting the publication out each quarter, should the Editor be sick or unable to perform his job.

Williams said that the two have begun preliminary plans for the transition. He said they estimate it might take up to a year or more. He will be depending on Gary to bring a new, more modern look to the Repeater Journal, gradually over the coming years. Additional electronic imaging is planned very soon for production.

2001 Off to Good Start

Full Membership Report

The figures have been tallied since January 1, and SERA Repeater Full Membership is getting off to a very good start. Full membership for repeater owners and sponsors expires at the end of the calendar year, and they have an opportunity to renew or join as they mail back their repeater datasheets.

Looking at the chart below, a total of 1,205 repeaters have joined or renewed already for year 2001. This represents a percentage of 53.4% of the total 2,267 repeaters known in SERA territory. This does not count "unknown" listings, which are shown at the back of the regular repeater listings.

Tied in full membership percentage is North Carolina and South Carolina with 62.8% each. Kentucky is next with 58.8%, then Georgia with 55.1% and Virginia with 55.0%. Three states are below the 50% membership mark.

The February repeater membership index is most important. The SERA Bylaws state for a person to hold an elected office, or to vote in case of an election, their membership must be confirmed in the February index. The cutoff date, which is generally published in the November Journal, and on the datasheet membership letter was January 10th. The index printed within this issue reflects all mail received at the Tobaccoville PO Box as of the end of that business day.

Owners wishing to join or renew may use the form on page 60.

SERA
SERA
MEMBER

SERA Full Repeater Membership Report

Full Membership - By State - By Year - From 1993 - 2001									*1st QUARTER 2001 REPORT*			
SERA STATE	TTL '93	TTL '94	TTL '95	TTL '96	TTL '97	TTL '98	TTL '99	TTL '00	1st Qtr. 2001	TOTAL Mbr. %	TOTAL RPTRS	SERA STATE
GA	195	208	236	217	260	232	235	241	220	55.1%	403	GA
KY	80	86	122	129	140	154	165	166	157	58.8%	267	KY
MS	50	60	75	73	60	59	62	71	64	41.8%	153	MS
NC	243	265	274	295	283	288	278	329	279	62.8%	444	NC
SC	68	68	83	81	84	79	91	97	91	62.8%	145	SC
TN	188	182	202	193	227	221	206	225	196	46.8%	419	TN
VA(1)	157	173	178	162	181	189	182	170	148	55.0%	269	VA
WV(2)	62	70	82	84	90	95	80	76	51	30.5%	167	WV
TTLS	1043	1112	1252	1241	1325	1317	1299	1375	1208	53.3%	2267	ALL

(1) Total Virginia list does not include 100 or more listings in T-MARC Territory, (North of Highway 33 and Latitude 38-degrees North), and

(2) 10 or more listings in the West Virginia Panhandle area in T-MARC Territory.

"Unknown" repeater listings are not counted in State repeater totals.

Out-of Sera Full Mbrs - 23

Last update Jan. 11, 2001

ON THE COVER

Color Photos by:
Thomas Babb, KF4JKQ

The Raleigh Amateur Radio Society provided communications for the first Raleigh Marathon, held on December 10, 2000. 35 Hams manned aid stations, shadowed event organizers, drove SAG Wagons and provided liaison to the police and EMS. The cover shows busy Net Control Stations Dick Orander KD4ISC and Jeff Wittich AC4ZO. Bob Breyer K1RCB reports from an aid station, and Wayne Blackwell KD4SLQ covers the finish line. Details at www.rars.org/.

REPEATER JOURNAL NEWS-STAND DEALERS

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Wilmington, NC

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Atlanta, GA

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Pick up Extra Copies of the Repeater Journal For your Friends!

tales of the happy hamette

CINDY ROGERS, KR4LS
kr4ls@sera.org
545 WATERBURY DRIVE
FAYETTEVILLE, NC 28311

Take My Wife . . . To the Nearest Radio . . .Please!

HAM wives. What they do, give, sacrifices, etc for the active HAM. Frank Lynch, W4FAL, has been a ham for 300 years. He and his wife survive on his hobby as long as daughter Kayla leaves him alone and doesn't knock the stuffings out of him for her mama when she gets mad.

Ah, the HAM wife. We are surely your dreams, hopes, and your greatest fears realized all rolled up in one, hopefully, ever delectable and desirable bundle we are. You are as scared of us as you are drawn to us. We dangle our best dessert to dazzle you and nag the bejeebers out of you into submission, perceived enslavement or enforced happiness. But, we are always there. No matter what. Just like your precious radios, we transmit and we receive, Honey.

The HAM wife is verrry special. Wayne, my beloved, handsome and very perceptive Editor told me the categories of HAM wives. They are:

1. Unlicensed HAM wives....
   - a. love what their husband is doing and support him all the way
   - b. think their husband is childish and is spending time and money foolishly
   - c. support him moderately, but won't participate in any club, field day or other ham activities, just leaving him to his "toys"
2. Licensed HAM wives...
   - a. love what they and their husband is doing and work and sup port him and ham radio all the way.
   - b. sometimes become the major ham operator in the family, while the husband assumes the position of just being a ham, partially active.
   - c. work as a team with husband, both very active in clubs, field day, meetings or whatever.

Which is your wife??? Well, this can get a bit dicey, I know. That's why I, your Happy HAMETTE, am writing about this instead of a male HAM I can talk about my fellow women better than you can since I am one.

I really think that HAM radio is a more special hobby than most other hobbies. It carries professionalism, so many facets and specialities, is done in the home, can be a family hobby and serves so many people.

There is one category of wife that no one wants to talk about. You know. The wife who thinks HAM radio is stupid, noisy and silly. She feels that money spent on it is money that could be spent on her - or the kids - or on something else she thinks is better. This wife is either:

1. Right. The husband may be neglecting bills, essentials, basic needs of the wife and children to buy radios, computer, etc. NO man ought to do that. I have heard and seen some HAMs who did.
2. Wrong. They may have an adequate or above income wherein purchases of radios and computer are do not impact on the family and the husband uses his own income to buy them. Well, in my opinion, a wife can't and shouldn't tell him how to spend his extra "hobby" money. I know plenty who do. They may even attend hamfests and throw a fit when the husband buys something.

Then, there is Frank's wife, in his words: "Brenda is very cool and supportive of my hobby. A lot of wives probably are, but in my case, she puts up with a lot - I do spend a lot of time doing things with the hobby

When I started the ham hobby, I think Brenda was concerned that this would be just another thing that would take time away from the family. What I feel we've both figured out after some years, is that one the surface to her, ham radio may have appeared to be another electronics "job" that would consume me, has in fact been much more than that. It's made me a better person to live with and given me some sense of accomplishment in a way that work never did. There's also the social side with some of the finest folks in hobby that is unlike anything else. She also knows that I'm not a big sports fan, I don't gamble, drink go to the races, chase other women, spend all my free time fishing or hunting, play golf, or do drugs. I just like to enjoy the ham radio hobby. I think that she, like a lot of wives has figured out that us guys are gonna do something, and that ham radio is a pretty good choice!"

What Frank wrote is very typical of the men that I have talked to over the years with the good HAMs.

There is another HAM wife that I want to tell you about. Joyce Stanley, wife of Col.(Ret) Charles 'Stan' Stanley, W5FWE, who is one of THE most supportive non-HAM wives that anyone could imagine. She is a dream of a wife and of a person.

Stan wrote: " Joyce is: 1(a.) I have been a Ham since 1953 and Joyce helped me separate the parts to the first Heathkit I ever built. She listens, but does not like to talk into the mike. She really became a believer while I was in Viet Nam and Thailand as MARS was our only real time voice communications. Now we stay in touch by ham radio when I am out sailing, thanks to other local HAMs. Joyce also knows where I am, in my play room and has learned to use the reverse autopatch on our local repeater if I am at our radio club or participating in other community service activities with my radio. Joyce will become a HAM as soon as I learn to operate her sewing machines."

Stan is also in Army MARS and serves on the Chief's Special Staff as a consultant. He is president of his club. He is a great HAM.

I think that any wife who supports her husband in any positive, productive and community spirited hobby, tacitly or publicly is wonderful. By doing so, you affirm your love for your husband, you encourage him, and you give him that sense of self-worth than only YOU, as a wife, can give.

I may get a wee bit testy when the Radio Romeo has the HF on a teeny bit too long and there is just static but, I hate static. I try to get my mind on something else or forget it. I am not perfect about that.

One more story that touches me - and I am sure all of us - is of Gerry Williams, KB4SEL - hubby Wayne, K4MOB writes:

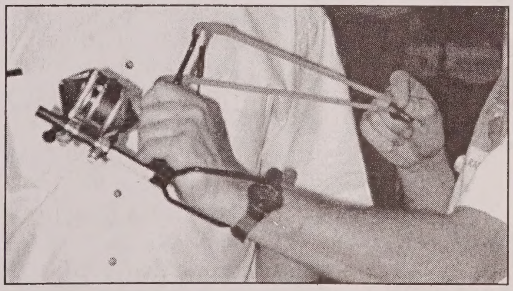
" Years ago, Gerry was a 1A. When she got her Novice license, she became a 2C. Today she still has no intention of ever getting on the air. For many years, she was side-by-side with me at club meetings, held club offices, went to overnight field days, helped in all facets of our clubs. She has never complained about what I did, or took the time to do, always supportive. When we closed the store and took the that space and made it a TV room and den, she allowed me to keep my ham bench and SERA's computers and paste up tables to do the Journal."

I know that there are a lot of wives like Brenda Lynch, Joyce Stanley, and Gerry Williams. I heard from some of you that I asked about this. I am sorry that I did not have the space to print more. Maybe later! I salute my fellow wives who support their husbands in this most wonderful hobby. I know a lot of you. I can name your names all day.

It is only a very few, I think, I hope, that are in the negative category for whatever reason. I hope that things will be better for you. My advice to you is to try to tolerate it all, ask questions and get him to tell you how he feels about Amateur Radio. He will REALLY LOVE your asking. It will thrill and impress him. No telling what might happen. He might take you to knitting class or listen your feelings about your snotty neighbor. It really can be a good, family hobby, Shug.

My feeling is that we need to support, help and encourage our HAM husbands to take in your wives into the hobby . . . please - give them a fair opportunity to learn what you love so much about the hobby!

E Z HANG
Hang Your Next Wire Antenna the EZ way!



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Campbell Elected New Virginia Vice-Director

Jim Campbell, K4YM was unanimously elected as the new Vice-Director of the Virginia District of SERA.

Jim Campbell K4YM

Campbell replaces the late Jim Green, W4ML. He was licensed in 1957 and held K7BOW as a General until 1973, when he moved to Virginia and picked up K4FVD which he held until the last vanity round and received K4YM.

Jim is married, with two sons, and also a daughter-in-law and a sister-in-law who are also licensed amateurs.

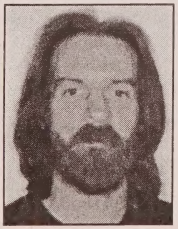
Jim, a telecommunications analyst for Dominion Services, Engineering & Construction, is responsible for the engineering and construction for much of the two-way radio and mobile data, and private paging radio systems for various power companies.

Campbell upgraded to Amateur Extra in 1987 and also holds a general class radiotelephone license, and is a certified land mobile radio technician by PCIA. He has extensive experience with RF engineering coverage software.

Jim lives in Montross, VA. He will assume coordination duties in the easter half of Virginia.

Address information may be found on page 1 of this issue of the Journal.

Mike Conway New TN Asst. Director


Mike Conway, KD4VVA

Tennessee Director Johnny Wofford, WA4ETE filled a badly needed spot in coordination efforts within his state with the appointment of Mike Conway, KD4VVA as Assistant Director.

Mike, 37 will assume his new responsibilities immediately of coordinating the middle Tennessee area.

He is part owner of the 146.985 repeater in Nashville and a resident of Gallatin for 30 years and a ham for 6 years. He has been VP of SCARA for 4 years and comes highly recommended by his peers.

Mike and his wife Wander reside in Gallatin. His address information may be found on Page 1 of this magazine.

Conway will join Tim Berry, WB4GBI who coordinates east TN, and Andy Masters, NU5O who handles the western portion of the state.

Foundation for Amateur Radio Offers Year 2001 Scholarships

The Foundation for Amateur Radio, Inc., a non-profit organization with headquarters in Washington, DC plans to administer 67 scholarships for the academic year 2001-2002 to assist licensed Radio Amateurs. The Foundation, composed of over 75 local area Amateur Radio Clubs, full funds ten of these scholarships with the income from grants and its annual hamfest. The remaining 57 are administered by the Foundation without cost to the various donors.

Licensed radio amateurs may compete for these awards if they plan to pursue a full-time course of studies beyond high school and are enrolled in or have been accepted for enrollment at an accredited university, college or technical school. The awards range from $500 to $2500 with preference given in some cases to residents of specified geographical areas or the pursuit of certain study programs. Clubs, especially those in Delaware, Florida, Maryland, Ohio, Pennsylvania, Texas, Virginia and Wisconsin, are encouraged to announced these opportunities at their meetings, in their club newsletters, during training classes,on their nets and on their world wide web home pages.

Additional information and an application form may be requested by letter or QSL card postmarked prior to April 30, 2001 from: FAR Scholarships, P.O. Box 831, Riverdale, MD 20738.

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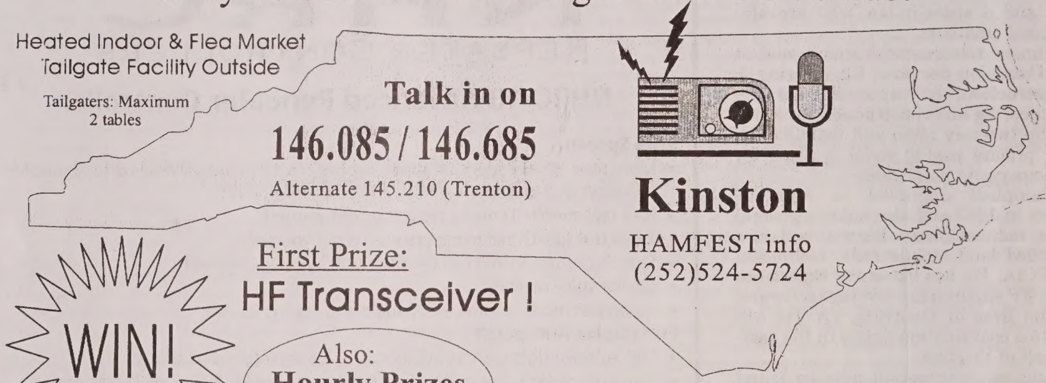

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HF Transceiver !

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Tables available through pre-registration on a first come - first serve basis. Locations are assigned by HAMFEST.

FCC EXAMS

Bring an original and a copy of your license or certificate and Credit Certificate (if applicable). Walk-ins only !

Exams start at 11 AM

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Pre-Registration Form

PLEASE PRINT CLEARLY

Name: ____________________ Call: ________
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Economical Meals and Refreshments
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___	or 3 for $10	☐
___	Tables: $10 Ea.	☐
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	Total:	☐

Forms must be received by March 17, 2001 !

News About our Journal Writers

TN RJ Correspondent Changes

We have shuffled the correspondents around a bit in Tennessee, effective with this issue.

Donald Phibbs, Jr. AD4QQ resigned as correspondent for East Tennessee, but is remaining on as the Journal staff cartoonist.

Bob Gault, KD4NEC, who lives in East Tennessee, but was handling the Western news is now moving over to handle Eastern news.

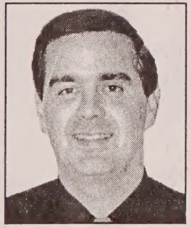
Ricky L. Brown, KE4CES is joining the Journal staff and will be taking on the duties of reporting the Western half of Tennessee for the Repeater Journal.

Gault to Cover E. Tennessee

Bob Gault, KD4NEC
EAST TN RJ Coverage

Bob has been with the SERA Repeater Journal for several years now. With the opportunity becoming available, he will now just shift his direction of coverage in the Repeater Journal to the Eastern part of the state. East Tennessee clubs and repeater groups are urged to send news and newsletters directly to Bob for Journal coverage.

Brown to Cover W. Tennessee



Rickey Brown, KE4CES
WEST TN RJ Coverage

We welcome Rickey Brown to the SERA staff as the new Eastern Tennessee Correspondent for the Repeater Journal. He was appointed by the editor to replace Bob Gault who will now cover the Eastern part of the State.

Rickey who lives in Jackson, is married to Tonya Gay Brown, KE4JUY. He works with the City of Jack-son Public Health Department, while his wife is a nurse at the local hospital.

Rickey is no stranger to managing Amateur radio publicity. He has held the job of ARRL Public Information Coordinator for the state of Tennessee for some time, and is also PIO and Government Liaison with the local WTARS club. He also writes a weekly column in the Jackson Sun Newspaper and several other newspapers. He also hosts several area talk shows on TV and radio about Amateur Radio. Rickey owns and operates the 442.900 Hub City ARA repeater.

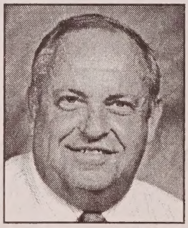
Clubs and Repeater owners are encouraged to put Rickey on their mailing list. Be sure to send him news tidbits, photos and newsletters within the Western half of Tennessee.

Falls Lake Club Receives Public Safety Award

AWARD OF APPRECIATION
is hereby presented to
Falls Lake
Amateur Radio Club
In recognition of your dedication
and support of our efforts to
make Butner a safer community
Presented this 18th day of November, 2000

A Butner (NC) Public Safety Award plaque was presented to the Falls Lake Amateur Club for their support in Hurricanes, Tornadoes, Parades, Ceremonies and Community Service. Bud Goodnight, WB4WRU, VP of the club, with Dallas Champion, KC4RQX, Pres. and Johnny Walker, KC4RDN show their "prize."

Simmons, KD4MJO Named New Virginia Correspondent



Sammy Simmons, KD4MJO
Virginia RJ Coverage

In mid December, Wayne Williams, editor announced the appointment of Sammy Simmons, KD4MJO as the new Virginia State Journal News Correspondent.

Sammy, 55 lives in South Hill, Va. and is married to Geneva Simmons, KE4JGH.

He operates a commercial radio business that was a direct link from Ham radio. He owns and operates the 443.525+ Repeater and has assisted in the planning and operation of several other repeaters in the area.

Simmons said he always read the Repeater Journal from cover to cover and often wondered why Virginia didn't have a news column.

Sammy said, "I am thrilled that another Volunteer organization is so serious about the job they do and I am pleased to be a part it."

Sammy emphasized he will be gathering and reporting news for "ALL" of Virginia.

"With their help it should be fun." "Without your support it will be impossible," Sammy said concerning his relationship with the hams and repeater groups and clubs in Virginia.

"This must be a partnership deal with all the clubs, Repeater Owners and all other Amateurs in the state of VA," he continued, "I ask that you send any info about any Ham related activities and also please add me to your club newsletter list."

Virginia clubs, individuals, and groups are encouraged to send your VA news items to Sammy. See his contact information in his regular column, which started this issue.

The Repeater Journal is still searching for dedicated qualified writers for the states of West Virginia and Mississippi. If interested, please contact the Journal Editor.

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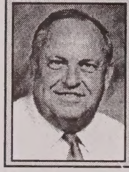
Virginia News



Sammy Simmons
KD4MJO
1181 Miles Creek Road
South Hill, VA 23970
(804) 447-4947 fax 955-2834
E:Mail: sgs2@buggs.net

I am Sammy Simmons; KD4MJO and I live in South Hill, Va. I am 55 years young and am married to Geneva Simmons, KE4JGH. South Hill, Va. is on the NC State line where Interstate 85 crosses into North Carolina. We are on 2 of the most beautiful lakes around, namely, Kerr Lake and Gaston Lake.

I have a commercial radio business that was a direct link from Ham. I own and operate the 443.525+ Repeater here and assist in the planning and operation of several repeaters in this area such as the 146.625- Repeater in Jarratt, Va. which is linked to my 443.525+ full time. That gives us coverage on I-95 and I-85 just inside VA from the NC area and gets you from NC to the Richmond repeaters without a break in coverage. I love to take the idea of repeater service from a thought to the actual operation with links and weather receivers and all that stuff that make repeaters a useful tool as well as an enjoyable one. I love to set up controllers, as they are often capable of more things than we are able to imagine. I am an avid supporter of SKYWARN and believe it is one of the most important areas in which Hams can assist the general public.

I read the Repeater Journal every issue from cover to cover and get lots of ideas to carry my thoughts on through until the next edition. As I looked over the Journal issue after issue, I often wondered why Virginia didn't have a news column but did as we so often do and thought someone else will do it. But when I read the article about NC having only 4 less 440 repeaters than 2m and closing fast, I wondered what the status is in Va. So I thought why not try to help with these projects instead of thinking someone else will do it. I e-mailed Wayne Williams K4MOB, editor of the SERA Repeater Journal and expressed an interest in being a news correspondent for part of Va. Well, let me tell you that if you want something in this organization and Wayne thinks you are qualified for it, the paperwork flows rather rapidly. Within 2 days, I had been appointed, set up on the staff list, had gotten welcome e-mails from several staffers and had been told by the Editor that the first deadline was January 1. Now, I can see already that these people are serious about the job of reporting the news to the hams and offering the services they do. I can also see that the editor is serious about the deadline! I am thrilled that another Volunteer organization is so serious about the job they do and I am pleased to be a part it. By the way, the "part of Va." got lost. I am gathering and reporting for "ALL" of Va.and with your help it should be fun. Without your support it will be impossible.

This must be a partnership deal with all the clubs, Repeater Owners and all other Amateurs in the state of VA. I ask that you send any info about any Ham related activities and also please add me to your club newsletter list. I will read everything I get and will do the very best I can to report it in a manner that all hams will read and enjoy. I cannot report it if I don't know about it. Oh, and please send it PRONTO, or I might miss those dreaded deadlines!

* * * * *

I enjoyed the Richmond Frostfest and was impressed with the Rats Club's performance as usual. They put on a good show. I also got to meet some people and get on a few mailing lists and even got a few pointers and pieces of information. Frank Lynch, W4FAL and I got a few new members too so everyone was happy! I will be attending as many Hamfests as possible to get acquainted.

* * * * *

Stu, WA4JUO just passed me the word from Phil WG4PAW that the Bronco Club has been reserved for June 9, 2001 for the 147.30/147.90 (Franklin Group) picnic and is open to all interested parties. Breakfast will be served for those early arrivals and the main meal will be served at 1:00 PM. They will again feature Carolina Style Barbecue with all the trimmings. Attendees may tailgate, tell lies, half truths, but not the whole truth. Same as last year. It is anticipated that there will be a skywarn program around noon. This is a family event. Phil and and the very able committee will head it up again this year.

Thank You Sammy Simmons, KD4MJO

Sammy Joins an Elite Group of Correspondents for the SERA

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Send him your news items, newsletters, photos for next issue. He'll do you proud!

See his address in logo above.

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9 AM to 3 PM
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Talk In: Call W8CHF on 145.35 Repeater

*Directions: Take Exit 99, Greenbrier St., off I-64/77, towards Yeager Airport. Veer right, past airport turnoff. Go to stoplight at Go-Mart and turn left onto Coonskin Drive. Armory is about 3/4 mile on left just before entrance to Coonskin Park

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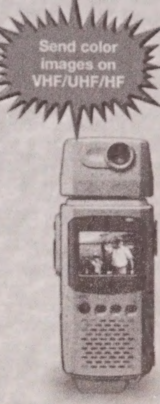

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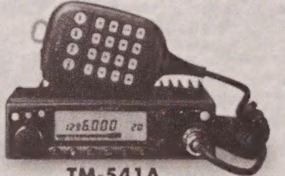

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TM-742AD/642AD
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TM-G707A
2 meters & 440 MHz

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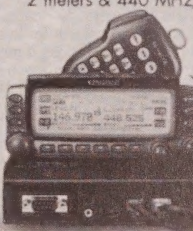

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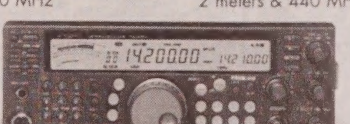

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News of Georgia

M. Terry Jones,
W4TL
4816 Windwalker Drive
Flowery Branch, GA 30542
(770) 967-1466 - 967-6364
w4tl@mindspring.com

I hope that everyone had a very nice holiday season and enjoyed time with family and friends. It was certainly a busy time for me traveling to visit family and catch up on a few projects we had been putting off, some of which we finished and some are still "hanging in the breeze."

* * * * *

Many of our Georgia Clubs had their Christmas Dinners. A lot of great meals and a great spirit of fellowship and camaraderie was shown by recognizing a lot of deserving individuals for their commitment to the hobby.

* * * * *

Rick Wright, W4LOC, GA Director; Jeff Benjamin, W4KMB, GA Vice-Director; Pete Seabolt, SERA Vice-President and myself had the opportunity to represent SERA at the Stone Mountain Hamfest in November. This hamfest is perhaps the best attended hamfest in Georgia and always has a fabulous tail gate and flea market section. Randy Bassett, KR4NQ and his staff from Alford Memorial Radio Club are to be commended for, as Ed Sullivan would say, "A Really Great Show!!"

* * * * *

There are some upcoming hamfests in Georgia through April, that we know about. The Dalton Hamfest, sponsored by the Dalton ARC on February 24, is the first Georgia hamfest of the year. Georgia hams that attend hamfests have developed "cabin fever" by this time and really turn out for this one. It is usually well attended and has a great tail gate and flea market. The Kennehoochee Hamfest in Marietta, sponsored by the Kennehoochee ARC, will be held on March 17. This hamfest usually has a good tail gate and flea market. The Cherokee Capital ARS Hamfest will be held on April 28 in Calhoun. This is a relatively new hamfest and continues to grow each year. We really need to support these radio clubs by attending these hamfests, which in turn helps support some of the repeaters these groups maintain. We hope to see you at these hamfests and others throughout the year.

Stone Mt., GA Hamfest

* * * * *

As we are thinking about attending hamfests, we also need to remember that this time of year, even if it is still cold outside, is when severe weather can come at any time. Some of the most devastating tornados in Georgia have occurred in March and April. We need to be in a continued state of readiness to assist our local ARES and other disaster relief groups should there be an emergency situation in our area. If you have an opportunity join a local disaster relief group and "be prepared." It's better to join a group now and become familiar with what to do than to procrastinate until disaster strikes and not be familiar with how that particular organization operates. We escaped last year's hurricane season with no major storm, we might not be so fortunate with upcoming tornado and thunderstorm season.

* * * * *

There are some fee changes coming for the FCC VE Licensing Program. As we understand the ARRL VEC and W5YI VEC will raise their exam fee to $10.00 and WCARS VEC will raise their exam fee to $8.00 effective January 1, 2001.

* * * * *

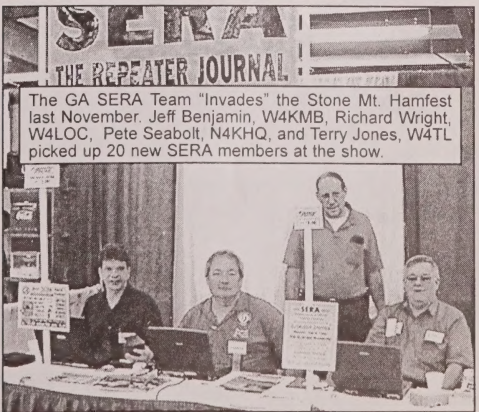
The Cherokee Capital Amateur Radio Society of Calhoun has elected new officers for 2001, they are; Felton Floyd, President; Lucius Gilreath, Vice President; Franklin Hollis, Secretary; Rose Ballard, Treasurer; John Mason, Newsletter Editor; and James Howard, Net Manager. They also report that their 146.745 machine is almost ready to go on the air. Keep up the good work, Felton.

* * * * *

The annual Georgia ARES Meeting was held in Forsyth, Georgia at the Public Safety Training Facility on January 21, 2001. Several good presentations were on the agenda.

* * * * *

Doug Graham, KC5BMJ, of the Camden Amateur Radio Club reports that the 51.940 repeater is up and on the air. The 444.200 repeater is also up and running. This repeater is actually in Jacksonville, Florida, but is considered a Camden Amateur Radio Club Repeater. The 147.285 and 444.625 repeaters have recently been upgraded with Motorola MSR-2000 Repeaters and S Comm 7000 Controllers. Both of these repeaters are located in Kingsland, Georgia.



The GA SERA Team "Invades" the Stone Mt. Hamfest last November. Jeff Benjamin, W4KMB, Richard Wright, W4LOC, Pete Seabolt, N4KHQ, and Terry Jones, W4TL picked up 20 new SERA members at the show.

* * * * *

The Gwinnett Amateur Radio Society (GARS) recently held it annual "Tech Fest" on January 27 at the Central Baptist Church in Lawrenceville. This was a day-long gathering of exhibits on numerous technical and operating topics. Thanks to GARS, the Gwinnett County ARES group is in the process of purchasing a used motor home for use as an Emergency Communications Vehicle.

* * * * *

The Atlanta Radio Club under the direction of Penn McClatchey is still very busy with the process of upgrading its entire repeater system. They are also busy with plans for their upcoming hamfest June 2, 2001 (same date as SERA Summer Board Meeting)

* * * * *

The Albany Radio Club has elected officers for 2001 , they are: President, Gene Clark, W4AYK, Vice President, Jim Williams, KG4CCM, Secretary, Stan Halstead, W4GOD,Treasurer, Bob Smith, K4PHE. The Albany Annual Christmas parade was a success this year in part because of the help provided by the Albany ARC. Good job guys!!

* * * * *

Thirty-one members of the Lanierland Amateur Radio Club and the Hall County ARES Organization provided communications for a festival on New Year's Eve in Gainesville termed "First Night" at the Georgia Mountains Center. The group used a portable UHF repeater which was set up for the event. Everyone enjoyed themselves and had an enjoyable and cold New Year's Eve.

* * * * *

There seems to be a lot of interest of late on the 220 band. Two new repeaters have recently come on line in the North Georgia area. They are the 224.600 repeater on Oglethorpe Mountain near Jasper and the 224.84 repeater on Wauka Mountain near Gainesville. Both of these repeaters will be part of a 220 linked system connecting several other 220 repeaters in adjoining states.

* * * * *

As I stated last month, I would like to point out a Georgia net in every column. The net I would like to emphasize in this column is the Georgia ARES Net. This net meets each Sunday at 5:00 PM on 3975 Khz. This training net keeps all involved in ARES informed as to activities in the area. It is not a closed net and everyone is invited to participate whether you are an ARES member or not. I am sure Lowry Rouse, KM4Z, Georgia EC would welcome your participation.

* * * * *

Well, I guess I have "rambled" enough to bore you to death. In closing, I would like to say thanks to those of you who have added me to your club newsletter mailing list and are sending me information to put in the Journal. Please keep the information coming. If you haven't added me to your club newsletter mailing list, I would greatly appreciate it if you would. Remember, I said in the last Journal this is "Your" column and not mine. Let me know of newsworthy items you would like included in the next Journal. Continue to send your information to me at w4tl@sera.org or mail it to me at 4816 Windwalker Drive, Flowery Branch, GA 30542.

Enjoy your Amateur Radio. -Terry, W4TL

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5-WATTS IRI PRICED **$221.95**

*Cellular Blocked

DJ-G5TH 5W 2/70 H/T

The DJ-G5 5W H/T, is fully loaded with Channel Scope, 80 memories for each band. 3 Scan ranges, large illuminated display and keypad programmable. Includes CTCSS encode/decode, 2nd PTT for Lo power, has dual VFOs each band.

5-WATTS IRI PRICED **$292.95**

Unique-The New DJ-V5TDC and DJ-V5TDCH

Amazing looking little radios. Alinco took the DJ-V5TH and put a CLEAR case on it. The TDC model has a clear case with DRY CELL battery. The TDCH is clear case with Black 5W Battery and a clear dry cell case.

DJ-V5TDCH **$242.95**

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2M-220-440 H/T

70 cm DJ-S41T $82.95

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The mini twins from Alinco, about the size of most pagers. 20 Memories, AA Batteries, 340 MW, or can use with external DC power conv. Really neat to carry in pocket.

Wow! Credit Card Sized Dual 2/70 H/T - DJ-C5T

The fabulous DJ-C5 has 50 memories, 300 mw output, incl. CTCSS enc/dec. Has long lasting Lithium-ion battery, and detachable flex antenna. Snap-in charger, recharges in 2 hours.

See This one and Others AT IRI!

$162.95

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DJ-496T 70cm $156.95

DJ-196 5W 2M & DJ-496 4W 70cm H/Ts have 40 mem., direct DC input, S-Meter, autodialer, theft alarm, CTCSS & DCS en/dec.

2-Meters DJ-180TH $136.95

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The
SERA
Repeater Workshop
Frank Lynch

Repeater Antennas

The "Repeater Workshop" is the first in a series of articles on various components that make up a repeater system. Future articles will include transmission lines, duplexers, controllers, and various other components, but for this issue we'll start at the top of the tower, the repeater antenna.

Electrically the repeater antenna does the same thing the antenna you use at home, in the car, or on your portable. All good antenna's provide an efficient means of radiating the power generated by the transmitter into the air. A repeater antenna has some other requirements as well.

First they need to be rugged. Many installations are exposed to high winds, and icing conditions. At many mountain top and very tall tower sites, it's not uncommon to have 50+ MPH winds for many days per year.

In the more northern climates, icing during the winter months can also be a problem, both from the standpoint of increasing the weight and windload on the antenna when it's gets iced up as well as getting hit by falling chunks of ice in installations where they're side mounted on taller towers.

Since repeater antenna's are used in a duplex (transmitting and receiving at the same time on different frequencies) mode, the electrical connections need to be mechanically and electrically sound, so that RF noise isn't created in the antenna itself. If this happens it can cause the repeater transmitter to desense the repeater receiver. Often problems of this nature can be very frustrating and difficult to isolate.

For 2 meter applications, probably one of the most popular types of antenna's used on repeaters in the famous Decibel Product DB-224 stacked dipole array. These things are big (about 20 feet long), are conservatively rated, have 6 dB of gain compared to a dipole and have a 1.5:1 VSWR bandwidth of around 8 MHz. Physically they consist of four dipoles that are mounted on a vertical mast. The dipoles are spaced about 0.9 wavelengths apart and fed with a specially designed "phasing harness" made of precise lengths and impedance of coax cable. The dipole loops are made of rugged aluminum tubing. For applications needing radiation pattern that isn't omnidirectional, the dipoles can be offset to produce what Decibel Products calls an elliptical pattern which raises the gain to about 9dB in the favored direction and reduces the gain on the "back side" to about 1 dB. They're not as directional as a yagi, but can be used to limit the radiation in a particular direction without sacrificing it entirely.

Stacked dipole arrays are made by other companies and in frequency bands. In fact stacked dipole arrays are commercially available from 10M thru 70cm amateur bands. Obviously a stacked dipole array for 10 meters with more than 2 dipoles would get pretty large. Above 70 cm stacked dipole arrays become difficult to manufacture because the placement of the dipoles on the supporting mast and the phasing harness become very critical.

Another popular antenna type used on many repeaters is the collinear antenna. Commercial versions of this such as the old Phelps Dodge "Station Master" and "Super Station Master" have been around for years also. Amateur versions by Comet, Diamond and others are also currently in production, some of them even supporting multiple bands in a single antenna. Collinear antennas generally weigh less and have an lower wind loading than the stacked dipole array's. Most are designed with a sealed fiberglass radome that covers the internal radiating elements and phasing sections. For applications that are top mounted at the top of a tower they may not be the best choice as a direct lighting strike to the fiberglass radome will in many cases severely damage it. The stacked dipole arrays, if properly installed are in many cases more forgiving of mother nature.

Next issue we'll look at the next component in a repeater system, the transmission line. '73 Frank, W4FAL

Frank is the SERA NC Vice Director and Frequency Coordinator, and SERA Repeater Database Manager. He can be reached via email at w4fal@sera.org.

Where's The Tower?

-From W5YI Report

In an effort to make cellular telephone towers easier on the eye, engineers in Great Britain have created a tower that resembles a pine tree, using steel and epoxy resin. Towers elsewhere have been disguised as palm trees and even cactus plants.

Cell Phones & Cancer

Two recent studies on analog cell phone use released by the New England Journal of Medicine and the AMA shows no relationship between brain cancer and low power phone use. The Food and Drug Administration also has said there is no evidence that the phones are unsafe.

Another study by the American Health Foundation concluded that the phones were not linked to cancer.

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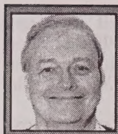

Nostalgic Navelengths

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"Homebrew VHF Transmitters"

(Part One)

LAFAYETTE RADIO
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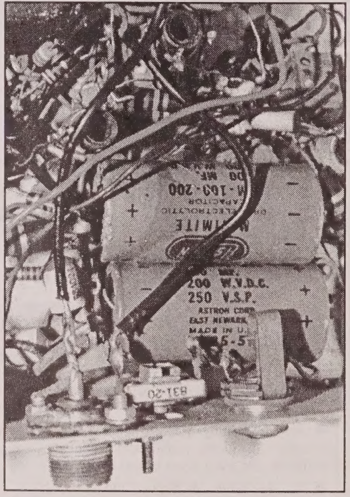
The Old Catalogs

With the monetary limitations on an aspiring teenage ham in the late 1950s, homebrewing was frequently the only course for acquiring much of my ham radio equipment. Surplus equipment (modified) from WW-II helped some; but it was the building from scratch that got many hams on the "Magic Band" back then. One could usually scrounge many of the parts from old radios, TVs and military surplus equipment. It was like building up an electronic bank account. The old radios and TVs were a good source for resistors, capacitors, tubes, tube sockets and power supply components. Popular tubes such as 6U8 and 12AT7 were well suited for oscillators and frequency multipliers. The well know 6V6 and 6L6 were great for modulator tubes. One only had to purchase a popular commercial modulation transformer such as the Triad M3-X. A couple of 6L6s running class AB1 could fully modulate a 40 watt RF transmitter. And if you looked around for a bargain price, you could get the transformer for about $ 5.00. Items such as AC power cords, fuses, terminal barrier strips and other miscellaneous items could be salvaged from used equipment. Even lengths of scrap hook-up wire were valuable. A "cleaned up chassis" from an old radio served many hams for transmitters and power supplies. When I could afford it, I'd try to purchase the chassis new so the project would look better. Companies such as World Radio Laboratories (WRL) offered blank cabinet and chassis assemblies at a reasonable cost. These were surplus from their line of ham gear. RF power amplifier tubes such as the 6146 and 2E26 could be obtained (used) from two way radio companies—and they were usually free for the asking.



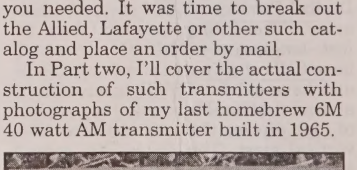
Old equipment was a good source for resistors, capacitors, tube sockets and other items.

WW-II surplus equipment was another source for parts. The tuning capacitors could be stripped from equipment. If the capacitance value was too high, plates could be pulled from the assembly to reduce the value. Crystal sockets could also be removed for use. And surplus equipment was great for meters to monitor plate voltage and current. In those days, you had to tune up your rig and "dip the final" on a frequent basis. And surplus ARC 5 transmitters could easily be modified as a VFO; saving the cost of expensive crystals. For those that ordered surplus crystals, the frequency could be lowered by grinding the crystal element. I used Ajax as a grinding abrasive, and cleaned the crystal carefully before putting it back together. The frequency could be raised by loading the crystal up with pencil lead; but I never found this to work well regarding the final stability of the crystal. Another item from WW-II equipment was power supply filter capacitors with a higher voltage rating than typically found in broadcast radios and TVs.

Surplus equipment good for parts.

Finally, the "electronic bank" was filled to capacity with but a few items remaining that had to be purchased. The Triad modulation transformer mentioned earlier was an example. Another was the Ohmite Z-50 (for 6 meters) or Z-144 (for two meters). While it was fun to wind your own coils, it was better to purchase some B&W coil stock and cut out the sections you needed. It was time to break out the Allied, Lafayette or other such catalog and place an order by mail.

In Part two, I'll cover the actual construction of such transmitters with photographs of my last homebrew 6M 40 watt AM transmitter built in 1965.



The 6 meter homebrew transmitter to be covered in part two of this article.

Repeater Journal

Hamfest Advertisers

In This Issue

The following hamfests are utilizing the SERA Repeater Journal as their advertising vehicle to promote their show. Let them know you appreciate their support & wisdom.

CLUB/HAMFEST	SHOW DATE	AD LOCATION
Cary (NC)	Jul.21	Pg.41
Charleston (WV)	Mar.17	Pg.14
Charlotte (NC)	Mar. 10-11	Pg.4-5
Dayton Trip	May	Pg.43
Durham (NC)	May 26	Pg.8
Elkin (NC)	Feb.11	Pg.50
Kinston (NC)	Mar.25	Pg.12
Knoxville (RACK) (TN)	Jun. 8-9	Pg.58
Morganton (NC)	Apr.21	Pg.56
Plateau (Beckley) (WV)	Mar.24	Pg.22
Raleigh (NC)	Apr.8	Pg.45
Salkahatchee (SC)	Apr.28	Pg.42
Shelby (NC)	Sep.1-2	Pg.55
Upstate (Spartanburg) (SC)	May 5	Pg.38
Virginia Beach (VA)	Sep.22-23	Pg.18
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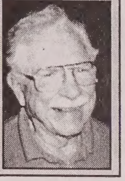

A Traffic Jam Session

Have you ever paused in what you were doing and asked yourself, "why would a grown man (woman) be wasting his time on this?" Of course for many the answer is, "If I don't do this they won't pay me any money and my children will starve." But after you've been retired a few years the projects you use to occupy your time become more diverse and somewhat more problematic. Among my more dubious occupations now is the passing of traffic on NTS nets, and I periodically ask myself that question, sometimes while grumbling about something particularly stupid that has just transpired. Then I grit my teeth and say, "because, dammit, it's fun." And it really is and that is the real reason I keep at it.

Of course, if you read the ARRL Operating Manual, or their Public Service Communications Manual, or any of their multitudinous propaganda outlets they will offer plenty of more substantial reasons which put you in the forefront of emergency response and make you part of a National Resource that is of paramount value to your community, your nation and whatever deity you embrace. For all I know some of these might be valid, but I do it because it is fun.

Like anything that is fun it has its rewards, its challenges and its frustrations. It is something you have to get into and study a little before you realize just what you have. The local and section nets (2-meter, SSB-HF, and CW) are always open and when you check in they will welcome you with open arms. If you have a message to be sent, they will be glad to take it and get it on its way. If you happen to be in location where a message is headed, they will be happy to give it to you for delivery. But you don't need to participate very long before it becomes clear that there is a technique to both sending and receiving traffic, and that some guys do it very well and some stumble and fumble all around. When you hear two traffic handlers who are really good working together it is akin to poetry. It goes slick and easy, and it's "QSL" and back to net control. Your first response will probably be, "What's the big deal? I can do that!" And then you try it and your next response is, "Well, if I clean up a few things I can do it . . ."

The NTS nets handle only "formal, written traffic." This means you've got to be familiar with the standard Radiogram format illustrated in all the reference texts. It is also available from ARRL as a tablet which is handy to use until it's imprinted in your brain. Some make a big deal of this format but it seems pretty straightforward to me and, after its necessity is accepted, should cause no one a problem.

The real test of proficiency is how you pass a message. The first hurdle is picking the right speed. The inexperienced usually go too fast making it impossible for the recipient to write it down. The inexperienced recipient will often try to tell the reader to slow down, but this only causes him to miss more because the reader is still transmitting and can't hear him. Then you have a message partially transmitted and you've got to go back and pick up fills. How does the receiver tell the sender what he needs? There are conventions for that, and when they apply and both parties understand them things go well.

Too frequently deviations occur and the conventions do not apply, or the parties differ on how they apply. Sometimes it takes over twice as long to correct a few words than it took to send the original message.

In exaggerated compensation there are those who go too slowly, spelling out easily understood words, inserting unnecessary phrases of explanation and laboriously pausing at unnecessary times. A dozen guys are checked in and several are waiting to pass their own traffic while this long ordeal creeps on.

There are some general principles that all good traffic handlers follow.

Although they may horse around during the informal part of the net, they are all business when passing traffic. They speak clearly and distinctly separating each word from the next. They use standard phonetics for all call signs and any other place it is needed. They never use cutesy phonetics which cause confusion and slow things down.

When traffic is passed by CW the sender sends exactly what is on the paper. The only exceptions are a break prosign (BT) at the beginning and the end of the text part of the message and the separation of the parts of the address by a (AA). Since everything is being spelled, there is no ambiguity and everything flows on. We can't do this using voice because of the need to clarify what is being sent. Almost all names must be spelled out including names of streets and sometimes towns, and to avoid confusion we must insert phrases like "I spell. . .".

Words that are actually numbers and words that are acronyms must be identified as such. I once got into trouble sending the word "AA4YW/B".

I said, "AA4YW stroke B" and my receiver counted this as three words.

According to him I should have said "AA4YW slant bar B," and it would have counted as one. Happily, most handlers will give you a little slack but you must be careful of comments you make in the middle of the text: they might be taken as part of the text. You must know when to spell the word and when not to. Sometimes very simple words must be spelled because they can have several spellings/meanings (to, too, two or wear, ware, where). Many people unconsciously put an "ugh" at random places in their speech, like, "this is ugh alpha four . . .". Most of the time this causes no problem, but when conditions are poor it is surprising how frequently that "ugh" sounds like something that could be part of the message that you didn't quite understand. Firm rules yield to variations in band conditions and to the ability of the fellow you're working. Incidentally, no matter how poorly the other guy does his job, if you become impatient that fault is yours.

So now you are getting a notion of what it may mean to be a good traffic handler. There are a whole set of things that are difficult do formalize but are important to how well things move along. The difference between good and sloppy operation soon emerges and you begin to appreciate the challenge before you.

So why would an adult person waste his time developing skills of this sort so that he can pass short messages of dubious significance? Hard to say. Maybe I'll find something else to do that's more fun and I'll walk away, but not today or tomorrow because I still feel too good when I have passed or copied a message in snappy style.

ACCESS: www.sera.org

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NO. 29 - Effective 1 January 20001

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Design, typesetting, layout or pasteup is available at no charge for advertising to be run in the Repeater Journal. When possible, advertisers requiring typesetting or composition by the Repeater Journal staff will receive a proof with time for telephone or email corrections. No proofs are available for ads with typesetting submitted after deadline, due to staff and time limitations.

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MAY ISSUE - April 1,
AUGUST ISSUE - July 1,
NOVEMBER ISSUE - October 1.

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THE SERA OFFICIAL REPEATER INDEX

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SERA will not be responsible for incorrect or omitted listings. The responsibility of correct listings is that of the actual repeater owner or sponsor. SERA makes every effort to keep the index as accurate as possible with information provided. The SERA ***Repeater Journal*** repeater lists contain certain repeaters which are NOT or have not been coordinated by SERA, or are not operating according to recognized frequency utilization plans. SERA does not necessarily condone, or recognize such repeaters as being legal or illegal. They are listed in our indexes primarily to keep our readers informed of all repeaters known in the areas surved by SERA.

Some repeaters allow voice as well as other functions on their machine. Operators should check with owners for additional information about what is allowed, and what features are available. Digital Repeaters with normal input/output (pairs) are listed in the regular FM repeater index. Digital systems operating simplex are not coordinated by SERA and are not on our repeater lists. For tone-accessed repeaters, the codes column contains the tone or access code for those repeaters which the owner or trustee has given us written permission to publish. They are in the By-State, and By-Frequency listings.

Entries with "#" in front of city indicates repeaters added to this index that have not been coordinated through the local SERA state coordinator. Owners may work with their coordinator to get this indicator removed. Repeater frequencies which have been coordinated but may not yet be on the air are listed with "PROP" showing in the codes column. Unknown listings are in a separate area.

Repeater owners are reminded to contact their local Frequency coordinator (Director) for assistance in coordination, changes in their listings, or any other requirements. There is no charge. The annual SERA repeater datasheet, sent to all known repeater operators, should be accurately updated each year and returned to SERA

SERA RECOMMENDED FM VOICE SIMPLEX

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6 Meters:	52.490	52.525#					
2 Meters:	146.400*	146.415*	146.430*	146.445*	146.460*	146.475*	146.490*
	146.505*	146.520#	145.535	146.550	146.565	146.580	146.595
	147.405*	147.420*	147.435*	147.450*	147.465*	147.480*	147.495*
	147.510	147.525	147.540	147.555	147.570	147.585	
220 MHz.	223.400	223.420	223.440	223.460	223.480	223.500#	223.520
	223.540	223.560	223.580	223.600	223.620	223.640	
440 MHz.	445.825	445.875	445.900	445.925	445.950	445.975	446.000#
	446.025	446.050	446.075	446.100	446.125	445.150 (Not all listed)	

* Permitted for Voice Simplex use unless operation would cause interference to repeater inputs. Be aware that SERA coordinates some of these frequencies as repeater inputs in some areas.
# - Designated National Simplex Frequencies.

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2 Meters:	144.910	144.930	144.950	144.970	144.990	145.010	145.030
	145.050	145.070	145.090	145.510	145.530	145.550	145.570
	145.590	145.610	145.630	145.650	145.670	145.690	145.710
	145.730	145.750	145.770	145.790			
220 MHz.	223.660	223.680	223.700	223.720	223.740	223.760	223.780

222.350 - 222.450 (222.400 Center) - High speed digital channel (100 KHz wide)
223.800 - 223.900 (223.850 Center) - High speed digital channel (100 KHz wide)

440 MHz.	440.9125	440.9250	440.9375	440.9500	440.9675	440.9750	440.9875
	441.0000	441.0125	441.0375	441.0500	441.0625	441.0750	441.0875
	441.1000	441,1125	441.1375	441.1500	441.1625	441.1750	

NOTE: Digital operators are reminded to check with their local Digital/Packet Societies or organizations as to which digital/packet channels are available for various digital usage in their particular area. Some channels are for exclusive use of LAN or BBS, etc. usage.

SERA JOURNAL REPEATER LISTINGS BY STATE - BY CITY

Listings Correct as of January 10th 2001

PLEASE NOTE: CTCSS Tone Frequencies are listed for repeaters only if the repeater sponsors agree they be listed. Tone access listing does not indicate a closed repeater.

GEORGIA

10 METERS

DALTON	N4BZJ	29.680 -		☺
MONROE	KQ4XL	29.620 -		
WARNER ROBINS	WR4MG	29.660 -		☺

6 METERS

ATL/MARIETTA	KD4DKW	53.090 -	T118.8	☺
ATLANTA	KA5WZY	53.150 -	PROP	
AUGUSTA	W4WTA	53.030 -		☺
BISKEY MT.	KC4JNN	53.050 -	T100.0	☺
BOLINGBROKE	KR4OL	53.430 -		
CARTERSVILLE	WB4AEG	53.070 -	T123.0	
CARTERSVILLE	WD4OVN	53.450 -		☺
CONYERS	WB4JEH	53.550 -	T151.4	
#CONYERS	WB4JEH	51.550 +	UNCOR	
#CUMMING	WA4YNZ	51.700 -	UNCOR	
DALTON	N4BZJ	53.130 -		☺
DECATUR	KA4UFM	53.390 -	T	☺
HIAWASSEE	KC4CBQ	53.270 -	186.2	☺
IVEY/MACON	K4YC	53.730 -	T88.5	☺
KINGSLAND	KC5BMJ	51.940 -	T82.5	
LAKE PARK	KB0Y	53.890 -	T141.3	☺
LAWRENCEVILLE	W4GR	53.110 -	82.5	☺
LULA	WB4HJG	53.890 -	T82.5	☺
MARIETTA	N1KDO	53.210 -	T79.7	☺
MARIETTA	KF4BMG	53.250 -	T79.7	
PINE LOG MT.	K4PLM	53.290 -	T198.2	☺
#ROSWELL	WA4YNZ	53.010 -	UNCOR	
WARNER ROBINS	WR4MG	53.790 -		☺
WATKINSVILLE	KD4AOZ	53.570 -	T123.0	

2 METERS

ADAIRSVILLE	WD4IWL	146.685 -		
#ALBANY	W4MM	146.700 -	UNCOR	☺
ALBANY	W4MM	146.730 -		☺
ALBANY	W4MM	146.820 -		☺
AMERICUS	W4VIR	147.270 +		
ASHBURN/TIFTON	W4PVW	147.285 +	T103.5	☺
ATHENS	KD4QHB	146.745 -		☺
ATHENS	KD4AOZ	146.955 -	PROP	
ATHENS/CRAWFRD	K4TQU	147.375 +	127.3	☺
ATLANTA	W4AQL	145.150 -	167.9	
ATLANTA	W4IBM	145.290 -		
ATLANTA	W4DOC	145.350 -	T146.2	☺
ATLANTA	K4LCI	145.430 -		
#ATLANTA	WB4QGR	146.640 -	UNCOR	☺
ATLANTA	W4DOC	146.820 -	T146.2	☺
ATLANTA	K4CLJ	146.970 -	T	
ATLANTA	WA4NNO	147.000 -		
ATLANTA	WB6RTH	147.105 +	107.2	☺
ATLANTA	K4JPD	147.195 +	T	
ATLANTA	KA5WZY	147.285 +		
ATLANTA/AIRPORT	W4REI	147.030 +		☺
ATLANTA/BELL	W4PME	145.410 -	100.0	☺
ATLANTA/MARIETTA	N4NFP	146.655 -	T118.8	☺
ATLANTA/MARIETTA	N4NEQ	147.345 +	118.8	☺
ATLANTA/SWEAT MT	KD4NC	146.730 -		
AUGUSTA	W4DV	145.290 -	T100.0	
AUGUSTA	AA4UA	145.370 -		
AUGUSTA	K4KNS	145.410 -		☺
AUGUSTA	W4DV	145.490 -		
AUGUSTA	KT4N	146.940 -		
AUGUSTA	K4KNS	146.985 -	100.0	☺
AUGUSTA	N4BMA	147.180 +		
BALDWIN	WD4NHW	147.180 +		☺
#BLACK ROCK MT	KE4SNT	147.390 +	UNCOR	
BLAIRSVILLE	K5PRE	146.955 -	T100.0	☺
BOGART	W4EEE	147.000 +	T	☺
BONAIRE	KD4HMH	145.470 -		
BONAIRE	K4EDN	147.015 +	T82.5	☺
BOSTON	W4UCJ	147.195 +		☺
BRUNSWICK	K4TVE	146.730 -		
CALHOUN	K4WOC	146.745 -	T100.0	☺
CARROLLTON	W4FWD	146.640 -	T131.8	☺
CARTERSVILLE	N4GIS	147.015 -	100.0	☺
CEDARTOWN	W4CMA	147.120 +		☺
CHATSWORTH	N4YYD	145.250 -	T71.9	
CLARKESVILLE	K4HCA	147.120 +		☺
CLEVELAND	WB4HIG	146.910 -		
COCHRAN	N4MXC	145.110 -	T107.2	
COCHRAN	W3LAP	147.330 +	T77.0	☺
COLBERT	N4ALE	147.300 +		☺
CONYERS	WB4JEH	145.230 -	T151.4	
CONYERS	WB4JEH	146.610 -	T151.4	
CONYERS	KF4GHF	147.210 +	T162.2	☺
CORDELE	WR4SG	145.230 -	PROP	☺
CORDELE	KA4WUJ	145.490 -	T103.5	☺
COVINGTON	WA4ASI	146.925 -		
COVINGTON	KF4GHF	147.270 +	T162.2	☺
CUMMING	WB4GQX	147.150 +		
DAHLONEGA	N4KHQ	146.835 +	T100.0	☺
DALLAS	W4RPO	146.850 -		
DALLAS	WD4LUQ	146.895 +	T77.0	☺
DALTON	W4DRC	145.230 -		☺
DALTON	N4BZJ	147.135 +	T118.8	☺
DECATUR	W4BOC	145.450 -		☺
DOERUN	KG4ABK	147.225 +	PROP	
DOUGLAS	KE4ZRT	147.045 +	141.3	☺
DOUGLAS	AD4EQ	147.315 +		☺
DOUGLASVILLE	KR4HV	145.110 -	T88.5	☺
DOUGLASVILLE	W4SCR	147.360 +	T88.5	☺
DUBLIN	WA4HZX	147.360 +		
EASTMAN	KC4RRO	145.210 -		
EASTMAN	KF4ODQ	145.330 -	T77.0	
EATONTON	KC4YHM	147.090 +	T179.9	☺
ELBERTON	N4UJT	146.625 -		
ELLIJAY/TALONA M	KC4ZGN	146.985 -	T77.0	
EMERSON	AE4JO	147.240 +	T103.5	☺
FAYETTEVILLE	WA4EPK	145.210 -		☺
FAYETTEVILLE	K4KZY	146.685 -		☺
FORSYTH	W4STJ	147.315 +	88.5	☺
GAINESVILLE	W4ABP	146.670 -	T131.8	☺
GRIFFIN	K4HYB	145.390 -	T88.5	☺
GRIFFIN	K4HYB	146.910 -		☺
HARTWELL	N4VNI	146.895 -	T100.0	☺
HINESVILLE	KF4UM	147.015 +		☺
IRWINTON	WB4NFG	147.240 +	T77.0	
IVEY	K4YC	145.250 -	T	☺
IVEY/MACON	K4YC	145.150 -	77.0	☺
JASPER	KB4IZF	145.370 -	T100.0	☺
JASPER	K4UFO	146.700 -		☺
JASPER	KC4AQS	146.805 +	T100.0	
JESUP	KA4EIM	145.430 -		☺
JESUP	N4ZON	146.865 -	T123.0	☺
JONESBORO	WA4DIW	145.170 -		☺
JONESBORO	WA4OGE	145.330 -		
KIBBEE	K4HVK	146.820 -	T	☺
KINGSLAND	KC4WWU	147.285 +	T118.8	
LAGRANGE	KD4BWK	146.700 -	T141.3	
LAGRANGE	WB4BXO	147.330 +		
LAKE PARK	WR4SG	147.135 +	T141.3	☺
LAVONIA	K4NVG	146.715 -	T100.0	☺
LAWRENCEVILLE	WB0QGH	145.190 -	T	
LAWRENCEVILLE	W4GR	147.075 +	82.5	☺
#LINCOLNTON	KT4N	147.120 +	UNCOR	
LOOKOUT MT.	KS4QA	146.760 -	T67.0	☺
LOOKOUT MTN	W4GTA	145.350 -	T100.0	☺
MACON	W4BKM	145.370 -		
MACON	AA4RI	145.430 -		☺
MACON	W4BKM	146.660 -		
MACON	WR4DH	146.730 -	T100.0	☺
MACON	K4PDQ	146.805 -	T77.0	☺
MACON	N3SM	146.895 -	T123.0	
MACON	WA4DDI	147.060 +	T	☺
MADISON	WB4DKY	146.865 -	T179.9	
MARIETTA	W4LMA	145.490 -	88.5	☺
MARIETTA	N4NEQ	146.775 -	T118.8	☺
MARIETTA/ATLANTA	W4BTI	146.880 -	T100.0	☺
MILLEDGEVILLE	WB4DOJ	146.700 -	T67.0	

SERA REPEATER LISTINGS - BY STATE - BY CITY . . . continue

GEORGIA REPEATERS CONTINUE

MILLEDGEVILLE	K4GK	147.135 +	T123.0	☺
MORGANTON	N4NEQ	147.165 +	T151.4	☺
MOULTRIE	WD4KOW	146.790 -		☺
NASHVILLE	KB4JF	145.310 -	T141.3	
NEWNAN	K4SEX	145.130 -		
#NEWNAN	K4SEX	146.790 -	UNCOR	
OCILLA	KD4MFS	145.350 -		☺
PEMBROKE	W4CJB	147.075 +		
PERRY	WR4MG	145.290 -	T107.2	☺
PERRY	WR4MG	146.955 -	107.2	☺
QUITMAN	WA4NKL	146.880 -		☺
RICEBORO	KF4UM	145.470 -		☺
RINGGOLD	W4ABZ	146.715 -	T67.0	
ROME	WB4YSV	147.300 +		
ROME/MT. ALTO	W4VO	146.940 -	88.5	☺
ROSWELL	N4CLA	147.060 +		
SANDERSVILLE	KT4X	145.270 -	T77.0	
SAVANNAH	K4NLX	146.700 -		
SAVANNAH	KE4WAQ	146.850 -		
SAVANNAH	W4HBB	146.880 -		☺
SAVANNAH	W4HBB	146.970 -		☺
SAVANNAH	WA4IDS	147.150 +	PROP	
SAVANNAH	K4NLX	147.210 +		
SAVANNAH	K4NLX	147.330 +		
SNELLVILLE	KR4NQ	147.255 +	T107.2	☺
ST SIMONS ISLAND	N4XGI	145.330 -	T131.8	☺
STATESBORO	NC4D	147.105 +		
STOCKBRIDGE	WA4JDR	145.310 -		
STONE MT	W4BOC	146.760 -	T107.2	☺
SUMMERVILLE	W4RLP	147.225 +	100.0	☺
SWEAT MT/MARIETT	N4CLA	145.470 -		
THOMASVILLE	W4UCJ	147.060 +		☺
THOMSON	KC4GSS	146.835 -		
TOCCOA	KA4DIP	147.330 +		☺
TYRONE	N4OME	147.165 +		☺
UNADILLA	WR4MG	146.760 -	T107.2	☺
VALDOSTA	WR4SG	145.130 -	T141.3	☺
VALDOSTA	KF4BJM	146.760 -	141.3	
VIDALIA	K4HAO	146.625 -		☺
WALESKA/PNLG MT	K4PLM	145.270 -	T103.5	☺
WARM SPRINGS	KN4FE	146.985 -		
WARNER ROBINS	WA4ORT	146.850 -		
WARNER ROBINS	WB4BDP	147.180 +		☺
WARNER ROBINS	WR4MG	147.300 +	107.2	☺
WATKINSVILLE	KD4AOZ	147.045 +	T123.0	
WAYCROSS	AE4PO	146.640 -	T141.3	☺
WAYCROSS	AE4PO	147.255 +	T141.3	☺
WAYNESBORO	K4BR	145.230 -		
WRENS	KB4NA	146.775 -		
WRIGHTSVILLE	WA4RVB	146.940 -		☺
YOUNG HARRIS	K2YRW	147.090 +		☺

220 MHZ

ACWORTH/ATL	N4MTA	224.320 -	T123.0	
ACWORTH/ATL	N4MTA	224.500 -	T123.0	
ALPHARETTA	NX9O	224.580 -	100.0	
ALPHARETTA	KC4JNN	224.860 -	T100.0	☺
ATL/MARIETTA	N4NEQ	224.440 -	T118.8	☺
ATLANTA	W4DOC	224.340 -		☺
ATLANTA	W4DOC	224.560 -	T146.2	☺
ATLANTA	KK4C	224.820 -		
#ATLANTA-NE	KC4OVY	224.200 -	UNCOR	☺
ATLANTA/BELL	W4PME	224.620 -	100.0	☺
ATLANTA/MARIETTA	N4NFP	224.120 -	T118.8	☺
ATLANTA/MARIETTA	N4NEQ	224.220 -	T	☺
ATLANTA/MARIETTA	PT2RFL	224.960 -	T100.0	☺
AUGUSTA	WB4KXO	224.940 -		☺
BISKEY MTN	KC4JNN	224.160 -	T100.0	☺
CEDARTOWN	KC4KLW	224.780 -	T179.9	
CLAYTON	W4UWH	224.720 -	PROP	
#CONYERS	WB4JEH	224.020 -	UNCOR	
DAHLONEGA	N4RBT	224.380 -	T100.0	☺
DALLAS	N4YDX	224.180 -		☺
DALLAS	N4YEA	224.540 -		☺
DALLAS	W4TIY	224.700 -		☺
DALTON	N4BZJ	224.360 -	T	☺
DALTON	N4BZJ	224.460 -	T118.8	☺
DALTON	N4BZJ	224.680 -		☺
DALTON	N4KVC	224.740 -	T	☺
FT MT/CHATSWTH	N4YYD	224.240 -	T71.9	
GAINESVILLE	W4ABP	224.460 -	PROP	☺
GAINSVILLE	W4TL	224.840 -	T131.8	☺
HAWKINSVILLE	WR4MG	224.820 -	PROP	
JASPER	KC4AQS	224.400 -	T100.0	
JASPER	W4UWH	224.600 -	100.0	☺
LOOKOUT MT	W4LOC	224.560 -	PROP	
LOOKOUT MT.	KS4QA	224.640 -		☺
MACON	W4BKM	224.660 -		
MARIETTA	KE4QFG	224.260 -		
MARIETTA	W4LMA	224.900 -		☺
NORCROSS	KE4IPX	224.480 -		
PINE LOG MTN	KE4AIS	224.520 -		☺
SNELLVILLE	W4CSX	224.920 -	T100.0	
STONE MT	W4BOC	224.760 -		☺
TEMPLE	WA4KM	224.300 -	T100.0	
VALDOSTA	KB0Y	224.460 -	T141.3	☺
WALESKA	KD4ALC	224.140 -		
WALESKA	KB4GDS	224.940 -		☺
WARNER ROBINS	WR4MG	224.840 -		☺
WATKINSVILLE	KD4AOZ	224.420 -	T123.0	
YORKVILLE	WD4LUQ	224.880 -	T77.0	☺
YOUNG HARRIS	NP2Y	224.660 -	PROP	

440 MHZ

ACWORTH	KC4YNF	441.800 +	T77.0	☺
ALBANY	W4MM	444.500 +		☺
ALPHARETTA	WB6RTH	442.000 +	107.2	☺
ATHENS	AA4AI	442.950 +	T179.9	☺
ATHENS	WB4VNT	443.300 +	T	☺
ATHENS/CRAWFORD	KC4GZX	444.300 +	T127.3	☺
ATL/MARIETTA	N4NFP	442.800 +	T	☺
ATL/MARIETTA	N4NEQ	444.050 +	T118.8	☺
ATL/MARIETTA	N4NEQ	444.775 +	118.8	☺
ATLANTA	W4CML	442.025 +	T127.3	☺
#ATLANTA	WB6RTH	442.225 +	UNCOR	☺
ATLANTA	KE4PVE	442.675 +	T100.0	
ATLANTA	WA4YNZ	442.975 +	T	
ATLANTA	W4CML	443.025 +	T127.3	☺
ATLANTA	KA5WZY	443.600 +	PROP	
ATLANTA	W4DOC	444.450 +	T146.2	☺
ATLANTA	WB5TUF	444.500 +		☺
ATLANTA	W4DOC	444.825 +	T146.2	☺
ATLANTA	WA4NNO	444.925 +		
ATLANTA	WA4YNZ	444.975 +	T	
ATLANTA/BELL	W4ZTL	421.250 +		☺
ATLANTA/BELL	W4PME	444.150 +	T100.0	☺
ATLANTA/MARIETTA	PT2RFL	442.875 +	T100.0	☺
ATLANTA/MARIETTA	N4NFP	443.800 +	T118.8	☺
AUGUSTA	KD4BOO	444.900 +		☺
BALDWIN	WD4NHW	442.350 +		☺
#BISKEY MTN	KC4JNN	443.250 +	UNCOR	☺
BLAIRSVILLE	KF4SKT	442.200 +		
BOGART	W4EEE	443.475 +	T	☺
BONAIRE	K4EDN	444.625 +	T82.5	☺
BRUNSWICK	K4TVE	444.975 +		
BUFORD	K3TD	442.900 +	T103.5	
BYRON	WB4SBT	444.700 +	T103.5	☺
CARROLLTON	AE4GU	444.075 +	T107.2	
CEDARTOWN	KD4NTF	443.575 +	T107.2	
CHATSWORTH	W4DRC	443.000 +		☺
CHESTER	KD4IEZ	444.525 +	T156.7	
CLARKESVILLE	K4HCA	442.425 +		☺
CLAYTON	W1CP	442.825 +	T162.2	☺
CLERMONT	W4TL	444.950 +	PROP	☺
COCHRAN	N4MXC	444.775 +	PROP	
COCHRAN	W3LAP	444.975 +	77.0	☺
CONCORD	WB4GWA	443.400 +	118.8	
CONYERS	WB4JEH	442.550 +	T151.4	
CONYERS	KB2DZA	443.725 +	T77.0	☺
CONYERS	WB4JEH	444.550 +	T151.4	
CONYERS	KC4ELV	444.750 +	T162.2	☺
COVINGTON	K4GO	443.750 +	T146.2	
COVINGTON	KE4PVE	444.175 +	T100.0	
COVINGTON	WA4ASI	444.800 +	T88.5	
CULLODEN	KE4BB	444.275 +	T123.0	
CUMMING	WB4GQX	441.900 +	PROP	
CUMMING	WA4BPY	442.575 +	T79.9	☺
CUMMING	W4CBA	444.625 +	T123.0	☺
#CUMMING	WA4YNZ	444.975 +	UNCOR	
DAHLONEGA	N4KHQ	443.100 +	100	☺
DAHLONEGA	N4KHQ	444.900 +		☺
DALLAS	W4CSX	441.925 +	PROP	
DALLAS	W4TIY	443.700 +		☺
DALLAS	WD4LUQ	444.700 +	T77.0	☺
DALTON	KD4GRU	442.125 +	PROP	
DALTON	N4BZJ	442.175 +	T118.8	☺
DALTON	N4BZJ	444.500 +	T118.8	☺
DALTON	N4BZJ	444.850 +		☺
DANIELSVILLE	KE4FHN	442.650 +	T	
DECATUR	N3APR	442.200 +		
DECATUR	KA4UFM	443.950 +	T110.9	☺
DECATUR	W4BOC	444.250 +		☺
DOUGLASVILLE	W4SCR	444.575 +	T88.5	☺
DUBLIN	KD4FOC	442.600 +	T77.0	
DUBLIN	KD4IEZ	443.025 +	T156.7	
EATONTON	KC4YHM	442.925 +		☺
ELLIJAY	KC4ZGN	442.700 +	T77.0	
FAYETTEVILLE	W4PSZ	444.600 +		
FLOWERY BRANCH	K4RHJ	443.900 +	PROP	
FT. MT/CHATSWTH	N4YYD	443.350 +	T71.9	
GAINESVILLE	W4ABP	442.625 +	T131.8	☺
#GAINSVILLE	WA4DB	444.200 +	UNCOR	
GRAY	K4MDS	443.625 +		☺
GREENSBORO	N4YXL	444.850 +	PROP	
GRIFFIN	KE4WLP	443.550 +		☺
HIAWASSEE	KC4CBQ	444.675 +	186.2	☺
HIGH HOUSE MTN	KD4APP	443.200 +		
HINESVILLE	KF4UM	444.850 +	PROP	☺
HOG MTN	WB0QGH	444.400 +	T82.5	
HOGANSVILLE	KC4YNY	444.300 +	PROP	
IRWINTON	WB4NFG	444.925 +	T77.0	
IVEY	K4YC	443.200 +	T88.5	☺
IVEY	K4YC	444.650 +	T	☺
JASPER	KC4AQS	443.375 +	T100.0	
JASPER	KF4OYP	443.625 +	T100.0	
JASPER	KB4IZF	444.375 +	T103.5	☺
JONESBORO	N4QCP	443.225 +		
JULIETTE	WB4JWM	444.425 +	T156.7	
KINGSLAND	KC5BMJ	444.625 +	T118.8	
KNOXVILLE	N4PQR	443.525 +	PROP	
LAKEMONT	N4ZRF	444.750 +	T	
LAVONIA	K4NVG	442.475 +	T203.5	☺
LAWRENCEVILLE	WB0QGH	442.850 +	T82.5	
LAWRENCEVILLE	WB4QDX	444.000 +	T100.0	☺
LAWRENCEVILLE	W4CML	444.025 +	T127.3	☺
LOOKOUT MT.	KS4QA	442.475 +	T67.0	☺
LOOKOUT MTN	W4LOC	442.650 +	T100.0	☺
MABLETON	W4JLG	442.325 +	T	☺
MACON	K4DDH	442.275 +	T100.0	☺
MACON	K4EFW	442.875 +	T114.8	☺
MACON	KC4ZIZ	443.075 +	T156.7	
MACON	W4BKM	444.100 +		
MARIETTA	N1KDO	442.050 +	T107.2	☺
MARIETTA	KE4QFG	442.375 +	T	
MARIETTA	WA4OKJ	442.600 +	T100.0	
MARIETTA	N4MTA	443.500 +		
MARIETTA	KF4BMG	444.325 +	T79.7	
MARIETTA/ATL	KE4QFG	442.725 +	T	
MCDONOUGH	KE4UAS	444.875 +	T123.0	
MONROE	KQ4XL	443.925 +	T123.0	
MOULTRIE	W1BPP	444.625 +	T123.0	
NEWNAN	KE4PVE	444.350 +	PROP	
NORCROSS	K4HUM	442.100 +	T	
PEACHTREE CITY	AB4KN	442.500 +	T77.0	
PEACHTREE CITY	N4YTR	444.675 +	T77.0	
PENDERGRASS	KE4PVE	444.125 +	PROP	
PERRY	WR4MG	444.950 +		☺
QUITMAN	WA4NKL	444.600 +	T127.3	☺
RINGGOLD	KW4KW	442.300 +	PROP	
RINGGOLD	W4BAB	443.925 +		
ROCKMART	KC4KLW	443.275 +	T179.9	
ROME	KC4KLW	443.525 +	T179.9	
ROSWELL	W8BLA	442.075 +	T	
#ROSWELL	WA4YNZ	442.975 +	UNCOR	
ROSWELL/BELL	N4SE	442.150 +	T100.0	☺
ROSWELL/BELL	W4PME	443.150 +	100.0	☺
SANDY SPRINGS	KE4OKD	441.950 +		☺
SAVANNAH	K4NLX	421.250 +		
SAVANNAH	WA4VHP	427.250 +	T	
SAVANNAH	K4NLX	442.700 +		
#SAVANNAH	WD4AFY	444.000 +	UNCOR	
SHELLMAN BLUFF	KC5BMJ	443.650 +	PROP	
SNELLVILLE	W4CML	442.450 +	T	
SNELLVILLE	NE1H	443.050 +	T	
SNELLVILLE	W4GR	444.525 +	82.5	☺
ST SIMONS ISLAND	N4XGI	442.950 +	T131.8	☺
STOCKBRIDGE	N4JMD	443.325 +	T	
SWEAT MT/MARIETT	N4CLA	444.475 +		
VALDOSTA	WR4SG	444.350 +	T141.3	☺
VALDOSTA	KF4BJM	444.700 +	T141.3	
VIDALIA	KE4PMP	442.500 +	T88.5	☺
#WALESKA	KD4DXR	441.350 +	UNCOR	
WALESKA	KE4KLQ	443.175 +	103.5	
#WALESKA	K4PLM	443.850 +	UNCOR	☺
WARM SPRINGS	N4UER	442.400 +		
WARNER ROBINS	WR4MG	442.900 +		☺
WATKINSVILLE	KD4AOZ	444.725 +	T123.0	
WAYCROSS	AE4PO	444.025 +	PROP	☺
WOODSTOCK	KE4SJO	444.225 +		

920 MHZ

#SAVANNAH	WA4VHP	923.000 -	UNCOR	

1270 MHZ

ATL/MARIETTA	N4NEQ	427.250 +		☺
ATLANTA/BELL	KB4KIN	1292.000 -		☺
DALTON ATV	N4BZJ	421.250 +		☺

KENTUCKY

10 METERS

LOUISVILLE	KK4CZ	29.640 -		

6 METERS

ASHLAND	KC4QK	53.010 -	T107.2	☺
HAZARD	KE4LVS	53.850 -	PROP	
HIGHLAND HEIGHTS	AD4CC	53.330 -	123.0	☺
HIGHLAND HEIGHTS	W4YWH	53.750 -	PROP	☺
LAGRANGE	WB4WSB	53.950 -	PROP	
LAWRENCEBURG	N4EQT	53.130 -	T107.2	☺
LEXINGTON	KE4LGL	53.570 -		
LONDON	KE4ZJT	53.910 -	PROP	
LOUISVILLE	KF4UAQ	53.290 -		☺
LOUISVILLE	WA4DBY	53.430 -	T151.4	
NANCY	KA4UHL	53.270 -	T100.0	☺
#STANTON	WD4KNE	53.810 -	UNCOR	
WAYNESBURG	KE4RKF	53.390 -	T100.0	☺
WILLIAMSBURG	KB4PTJ	53.070 -	T100.0	☺

2 METERS

ALLEN	K4ICN	147.300 +	T123.0	☺
#ARTEMUS	KE4INT	147.390 +	UNCOR	
ASHLAND	KG4DVE	146.940 -		☺
ASHLAND	KC4QK	147.240 +	T107.2	☺
ASHLAND	WA8KWH	147.330 +		
BARDSTWN/NELSN	WB4GGH	145.470 -	151.4	☺
BEREA	KF4OFT	146.715 -	100.0	☺
BLACK MOUNTAIN	KB4DFK	147.210 +	T103.5	☺

SYMBOLS: ☺ = Full Member SERA T=Tone Accessed (plus tone freq)
# and/or UNCOR = Uncoordinated PROP = Proposed Rptr. Under Const.

SERA REPEATER LISTINGS - BY STATE - BY CITY . . . continue

KENTUCKY REPEATERS CONTINUE

BOWLING GREEN	WA4GOZ	146.625 -	PROP	
BOWLING GREEN	K4LOL	147.060 +	156.7	☺
BOWLING GREEN	W4WSM	147.165 +		☺
BOWLING GREEN	KA4CFW	147.330 +		☺
BOWLING GREEN-SO.	W4WSM	146.655 -		☺
BROOKS	KY4KY	146.700 -	T151.4	☺
BUCKHORN LAKE	KG4HRN	147.375 +	PROP	
CANE VALLEY	WA4UXJ	146.640 -		☺
CENTER	KD4YGK	147.375 +	PROP	☺
#CENTRAL CITY	WF4N	145.390 -	UNCOR	
CORBIN	WD4KWV	146.610 -		☺
COVINGTON	WR8CRA	147.390 +		
CRESTWOOD	KF4TOL	147.390 +	T151.4	☺
DANVILLE	WD4DZC	146.655 -		☺
DAVID	KC4KZT	145.310 -	T	☺
DAWSON SPRINGS	KF4CWK	147.090 +	T103.5	
#DIXON	N4IOX	147.255 +	UNCOR	
DORTON	KC4KZT	146.895 +	T141.3	☺
ELIZABETHTOWN	W4BEJ	146.980 -		☺
FARMINGTON	W4GZ	147.240 +	T91.5	☺
FLEMINGSBURG	KF4BRO	146.955 -	T107.2	☺
FLORENCE	K4JBV	146.895 -	100.0	☺
FRANKFORT	N4EQT	147.105 +	T107.2	☺
FRANKFORT	KC4AI	147.240 +	T100.0	
FRANKLIN	KE4SZK	147.135 +	PROP	
GEORGETOWN	KF4NTQ	146.685 -	107.2	☺
GLASGOW	KY4X	146.940 -	114.8	☺
GRAYSON	KD4DZE	146.700 -	107.2	☺
GRETHEL	KJ4VF	147.045 +	T100.0	☺
GUTHRIE	KA4NNE	146.805 -		
HALLS GAP	W8PRH	145.170 -		☺
HAZARD	KF4SJO	146.670 -		☺
HAZARD	W8PRH	146.805 -		☺
#HENDERSON	K4DPP	146.970 -	UNCOR	☺
HIGHLAND HEIGHTS	W4YWH	146.790 -		☺
HIGHLAND HTS.	K4CO	147.255 +	T	
#HODGENVILLE	KC4TX	147.315 +	UNCOR	☺
HOPKINSVILLE	KF4FO	146.710 -		
HOPKINSVILLE	KD4ULE	147.030 +	T103.5	☺
HUEYSVILLE	KF4ZTB	145.470 -	T79.7	☺
HYDEN	KF4TLT	147.240 +	186.2	☺
IRVINE	W4CMR	146.820 -	192.8	☺
IRVINE	AD4RU	147.015 +		
IRVINGTON	WB4WVH	146.900 -		☺
JACKSON	WA4MXO	145.410 -		
LAWRENCEBURG	N4EQT	145.390 -	T107.2	☺
LEBANON	WD4JZH	147.345 +	PROP	
LEESBURG	KC4UPE	145.110 -	T192.8	
LEXINGTN/GRGTWN	W8PRH	145.210 -		☺
LEXINGTON	AD4YJ	145.250 -	110.9	
LEXINGTON	AC4AO	146.730 -		☺
LEXINGTON	K4KJQ	146.760 -		☺
LEXINGTON	WA4HBM	147.165 +		☺
LEXINGTON	KJ4VF	147.195 +		☺
LONDON	KE4ZJT	147.180 +	151.4	☺
LONDON	KC4ZFH	147.285 +	T	
LOUISA	N8QCW	147.390 +	107.2	☺
LOUISVILLE	W8PRH	145.230 -		☺
LOUISVILLE	AC2DC	145.290 -	T151.4	
LOUISVILLE	KK4CZ	145.410 -	127.3	
LOUISVILLE	W4PF	146.880 -		
LOUISVILLE	W4PJZ	147.030 +	151.4	☺
LOUISVILLE	N4NMC	147.070 +	T151.4	☺
#LOUISVILLE	KA4KMT	147.120 +	UNCOR	
#LOUISVILLE	KA9KOP	147.150 +	UNCOR	
LOUISVILLE	W4CN	147.180 +	88.5	☺
LOUISVILLE	WB4EJK	147.270 +	151.4	
LOUISVILLE AREA	N4UL	145.130 -	T151.4	☺
LYNN GROVE	KA4BLZ	146.895 -	T210.7	
MADISONVILLE	KC4FRA	146.610 -		
MAYSVILLE	KF4BRO	145.470 -	T107.2	☺
MIDDLESBORO	W4PPM	146.775 -		
MILLARD	KD4RTR	146.745 -	T141.3	☺
MONTICELLO	KY4JW	145.150 -		☺
MOREHEAD	KJ4VF	145.130 -	T100.0	☺
MOREHEAD	K4GFY	146.910 -	T123.0	
#MT. STERLING	WD4KNE	147.330 +	UNCOR	
MURRAY	K4MSU	146.940 -		☺
NANCY	KA4UHL	146.790 -	T100.0	☺
OWENSBORO	N4WJS	146.685 -	110.9	☺
OWENSBORO	KM4OF	146.865 -		
OWENSBORO	K4HY	147.210 +	110.9	☺
OWINGSVILLE	N4TLP	147.075 +		
PADUCAH	K4CUW	146.655 -	T	
PADUCAH	K4CUW	146.760 -		
PADUCAH	W4NJA	147.060 +		☺
PAINTSVILLE	N4KJU	145.270 -	T	☺
PARIS	KE4OOS	147.045 +	PROP	
PHELPS	KJ4YK	147.090 +		☺
PIKEVILLE	AD4BI	145.150 -	107.2	☺
PIKEVILLE	KM4IV	146.850 -		
PRESTONSBURG	WB4UBY	147.165 +		☺
RADCLIFF	AI4HB	145.350 -	173.8	
RADCLIFF	W4BEJ	146.925 -		☺
RICHMOND	KE4YVD	145.370 -	T192.8	☺
RICHMOND	KG4AEU	146.865 -	192.8	☺
ROCKFIELD	KG4FEJ	145.450 -	PROP	
ROCKPORT	KD4BOH	145.270 -	77.0	
SALEM	KC4VXR	147.315 +		☺
SALVISA	KC4ZOX	146.835 -	T192.8	☺
SALYERSVILLE	KB4SQI	145.190 -	T127.3	☺
SANDY HOOK	KF4WMM	147.135 +	PROP	
SHELBYVILLE	KE4LR	147.000 +		
SOMERSET	KA4UHL	146.880 -	77.0	☺
SPRINGFIELD	WA4SJH	147.300 +		
ST. CHARLES	KE4AIE	147.270 +		
STANTON	N4VOS	145.290 -		
STANTON	W8PRH	146.970 -		☺
STINETT	KF4TLT	147.345 +	PROP	
TOMPKINSVILLE	KJ4OG	146.775 -		☺
VANCEBURG	AE4SK	146.775 -		☺
VERSAILLES	KF4INN	145.330 -		
WADDY	KS4TO	146.910 -	T107.2	
WALTON	K4CO	147.375 +		
WEBSTER	K4ULW	146.625 -	T151.4	☺
WILLIAMSBURG	KD4DAX	145.350 -		
WILLIAMSBURG	KG4M	147.000 +		
WINCHESTER	WB4ASZ	147.120 +		☺

220 MHZ

ASHLAND	KC4QK	223.940 -		☺
DORTON	WR4AMS	224.520 -		☺
HAZARD	WR4AMS	224.820 -	PROP	☺
IRVINE	AD4RU	224.940 -		
LANCASTER	KD4RXF	224.560 -		☺
LANGLEY	WR4AMS	224.720 -	PROP	☺
LAWRENCEBURG	N4EQT	224.900 -	PROP	
LEXINGTON	AC4AO	224.420 -		☺
LEXINGTON	KR4BD	224.800 -		☺
LONDON	KE4GJG	224.980 -		☺
LOUISVILLE	KA4MKT	224.300 -		
MIDDLESBORO	WM4MD	224.120 -	T82.5	
NANCY	KA4UHL	224.100 -	T100.0	☺
PIKEVILLE	WB4F	224.580 -		
PIKEVILLE	KD4DAR	224.620 -		☺
SHEPHERDSVILLE	N4FND	224.500 -	PROP	☺
SOMERSET	N4AI	224.300 -		☺
SOMERSET	N4AI	224.880 -		☺
VERSAILLES	AD4CR	224.220 -		

440 MHZ

ALLEN	N4IWZ	444.775 +	T123.0	☺
ASHLAND	KA4MKG	444.750 +	88.5	☺
ASHLAND	KC4QK	444.975 +	T107.2	☺
BARDSTOWN	KT4GB	443.000 +	PROP	☺
BEATTYVILLE	KC4UPE	444.825 +	T192.8	
BOWLING GREEN	W4HTB	426.250 +		☺
BOWLING GREEN	W4HTB	1280.000 -		☺
BOWLING GREEN	W4WSM	444.100 +		
BOWLING GREEN	N5KOL	444.700 +	T136.5	☺
BROOKS	KY4KY	443.700 +	151.4	☺
BRUSHY FORK	KF4WMM	444.600 +	88.5	
CANE VALLEY	KC4TX	443.950 +	T	☺
CORBIN	KF4IFC	444.275 +	79.7	☺
CORBIN	WB4IVB	444.900 +	T100.0	
COX'S CREEK	AE4NU	443.450 +	T151.4	☺
DAVID	KC4KZT	443.900 +	T167.9	☺
DAWSON SPRINGS	KU4MJ	444.275 +		☺
DORTON	KD4RTR	442.150 +	167.9	☺
DORTON	KJ4VF	443.250 +		☺
DRY RIDGE	KD4EVB	443.425 +	100.0	
ELIZABETHTOWN	W4BEJ	421.250 +		☺
ELIZABETHTOWN	W4BEJ	444.800 +	156.7	☺
FALMOUTH	KD4EVB	443.825 +	PROP	
FLORENCE	KC4COV	443.175 +		
FLORENCE	KC4COV	443.475 +	T192.8	
FLORENCE	KC4COV	444.175 +	T192.8	
FORT WRIGHT	KY4JD	442.525 +	T123.0	☺
FOSTER	KU4ML	443.125 +		
FRANKFORT	K4NGQ	442.175 +	T67.0	
FRANKFORT	WA4CMO	443.325 +	PROP	
FRANKLIN	KD4TAH	443.225 +		
GARRETT	KF4JJD	442.400 +	79.7	☺
GEORGETOWN	KF4NTQ	443.625 +		
GILBERTSVILLE	W2HR	442.850 +	T103.5	☺
GLASGOW	KY4X	444.925 +		☺
GRAEFENBURG	N4HZX	443.550 +		☺
GRETHEL	KJ4VF	444.525 +		☺
HAWESVILLE	KB4QFL	444.625 +		
HAZARD	KE4BHZ	443.975 +	T103.5	☺
HENDERSON	KY4K	444.725 +	T203.5	
HIGHLAND HEIGHTS	W4YWH	444.900 +	123.0	☺
HOPKINSVILLE	KE4AIF	444.750 +	T103.5	☺
INDEPENDENCE	K4JBV	442.325 +	100	☺
INDEPENDENCE	KB8SBN	444.075 +	T110.9	
IRVINE	W4CMR	442.900 +		☺
IRVINE	AD4RU	444.000 +		
JONESVILLE	KC4COV	444.425 +	118.8	
LATONIA	AA4XV	442.400 +	T	
LAWRENCEBURG	N4EQT	443.925 +	PROP	
LEWISPORT	K4DC	444.550 +		☺
#LEXINGTON	KY4ATV	923.250 -	UNCOR	☺
LEXINGTON	KD4ADJ	442.050 +		☺
LEXINGTON	KE4OOL	443.025 +	T123.0	☺
LEXINGTON	KC4ZY	444.125 +		
LEXINGTON	KC4DUU	444.550 +		☺
LEXINGTON	N4DUE	444.950 +		☺
LOUISVILLE	WD4ELX	442.550 +		
LOUISVILLE	KB4YJ	442.725 +	151.4	
LOUISVILLE	N4UL	444.100 +	173.8	☺
#LOUISVILLE	WB4ZZD	444.300 +	UNCOR	
LOUISVILLE	N4NMC	444.600 +	T151.4	☺
LOUISVILLE AREA	N4RBL	442.100 +	T	
LOUISVILLE AREA	KD4CLR	442.450 +	T151.4	☺
LOUISVILLE SW	K4ULW	443.350 +		☺
MADISONVILLE	KC4FIE	442.425 +		☺
MADISONVILLE	AE4LW	442.575 +	T100.0	
MADISONVILLE	KC4FIE	442.775 +		☺
MADISONVILLE	KC4FIE	444.600 +		☺
MAMMOTH CAVE	KF4QZN	444.475 +	T179.9	☺
MARION	KR4PF	444.200 +	T100.0	
MAYSVILLE	KF4BRO	443.500 +	T123.0	☺
META	WB4UBY	443.500 +		☺
MIDDLESBORO	WM4MD	442.325 +	T67.0	
MIDDLESBORO	WB4IVB	444.150 +	T100.0	
MILLARD	KD4RTR	443.425 +		☺
MONTICELLO	WB9SHH	444.750 +		
MOREHEAD	K4GFY	442.500 +		
MT STERLING	KD4ADJ	442.600 +		☺
MURRAY	K4MSU	443.800 +	T114.8	☺
NANCY	KA4UHL	443.600 +	T100.0	☺
NICHOLASVILLE	KC4UPE	444.775 +	T167.9	
NICHOLASVILLE	WB4CWF	444.975 +		
OLIVE HILL	KO4LI	444.925 +		
OWENSBORO	N4WJS	443.100 +		☺
OWENSBORO	N4WJS	443.650 +	203.5	☺
PHELPS	N4MVY	444.575 +		☺
PIKEVILLE	KD4RTR	444.200 +		☺
PIKEVILLE	KD4DAR	444.375 +		☺
PIKEVILLE	AD4BI	444.475 +		☺
ROBINSON CREEK	KC4VYX	444.675 +		☺
ROCKPORT	KD4BOH	442.675 +	77.0	
ROCKPORT	KD4BOH	444.075 +	T77.0	
RUSSELLVILLE	KD4TAH	442.350 +	PROP	
SALEM	KC4VXR	444.825 +	T100.0	☺
SALVISA	KF4AWA	444.675 +	T203.5	☺
SALVISA	KC4UPE	444.875 +	T167.9	
SALYERSVILLE	KE4NLL	444.050 +	T127.3	
SHELBYVILLE	KE4YRE	442.375 +		
SHEPHERDSVILLE	KD4YGK	444.400 +	T203.5	☺
SIMPSONVILLE	KO4OT	444.450 +	T100.0	☺
SPRINGFIELD	WA4SJH	444.600 +		
STANTON	N4VOS	442.075 +		
VERSAILLES	KF4INN	443.775 +		
WADDY	KS4TO	443.225 +		
WALTON	K4CO	444.350 +		
WILDER	KC4COV	444.400 +	PROP	
WILLIAMSBURG	KB4PTJ	444.050 +	100.0	☺

MISSISSIPPI

6 METERS

BYHALIA	N4DRL	53.270 -	T	☺
ELLISVILLE	N5EKR	53.010 -	T	
LAUREL	KC5PIA	53.450 -		☺
NETTLETON	AB5MU	53.050 -	192.8	☺

2 METERS

ABERDEEN	WB5USN	147.270 +		
ACKERMAN	NO5N	147.120 +		
AMORY	KB5DWX	146.940 -	T192.8	
AMORY	KB5DSN	147.090 +		
BAY ST. LOUIS	WB4FUR	146.700 -		
BILOXI	KC5IF	146.730 -		
BILOXI	K5TYP	146.790 -		
BOONEVILLE	K5YD	145.190 -	110.9	☺
BOONEVILLE	KI5WI	147.150 +		
BUDE	K5JMD	146.850 -	T103.5	
BYHALIA	N4DRL	145.350 -		☺
BYHALIA	N4DRL	147.225 +		☺
CHATAWA	WB5GOJ	145.310 -		
COLLINS	N5LRQ	146.985 -	T136.5	
COLUMBIA	N5LJC	147.285 +	PROP	
COLUMBUS	KC5ULN	146.625 -		☺
COLUMBUS	KC5ULN	147.000 +		☺
CORINTH	WB5VOJ	146.925 -	T107.2	
CORINTH	K5UFH	147.000 -		
CORINTH	KB5TGA	147.285 +		☺
D'IBERVILLE	KC5IF	145.410 -		
ELLISVILLE	N5EKR	146.955 -	T	
ELLISVILLE	N5DWU	146.865 +	T136.5	☺
ELLISVILLE	N5DWU	146.895 +	T136.5	☺
FOREST	KC5QHP	147.390 +	T100.0	☺
#FRENCH CAMP	W5BJT	147.225 +	UNCOR	
FULTON	WX5P	145.450 -		
GLOSTER	KX5E	145.430 -	T136.5	
GREENVILLE	KG5SF	147.345 +		☺
GRENADA	W5LV	146.700 -		☺
GULFPORT	KA5VFU	147.375 +		
HATTIESBURG	W5CJR	145.190 -	T136.5	☺
HATTIESBURG	K5IJX	145.370 -	136.5	
HATTIESBURG	W5CJR	146.775 -	T136.5	☺
HATTIESBURG	W5CJR	147.360 +		☺
HERNANDO	K5VV	146.910 -		
ISOLA	KC5OB	146.955 -		
JACKSON	W5AXQ	146.760 -		☺
JACKSON	K5QNE	146.880 -	T100.0	☺

SERA REPEATER LISTINGS - BY STATE - BY CITY . . . continue

MISSISSIPPI REPEATERS CONTINUE

JACKSON	KA5SBK	146.940 -	100.0	☺
JACKSON	W5IQ	147.000 +	T	☺
JACKSON	NC5Y	147.075 +	T	
KILN	K5DMC	145.330 -		
KILN	K5DMC	145.330 -	PROP	
KOSCIUSKO	W5LWC	146.850 -		
LAUREL	KC5QZW	146.610 -		
LAUREL	WV5D	147.030 -	T	
LAUREL	KC5RC	147.255 +		
LUCEDALE	WA5JZL	146.910 -		
MADISON	K5XU	146.640 -		☺
MAGEE	K5HYE	146.820 -	100.0	☺
MAGEE	KA5LNY	147.300 +		☺
MCCOMB	K5JMD	146.940 -	T	
MCLAIN	KC5QYG	145.230 -	PROP	
MENDENHALL	K5HYE	145.110 -	T100.0	☺
MENDENHALL	KB5IKR	145.210 -	T100.0	
MERIDIAN	KC5ZZH	146.655 -		☺
MERIDIAN	W5FQ	146.700 -		
MERIDIAN	KI5FW	146.970 -	100.0	☺
MONTICELLO	N5JHK	147.015 +		
MOOREVILLE	WB5NAY	146.640 -		
NATCHEZ	W5KHB	146.685 -		
NATCHEZ	K5OCM	146.910 -	91.5	
NATCHEZ	K5SVC	147.360 +	100.0	
#NEW ALBANY	KC5VZI	145.230 -	UNCOR	
NEW ALBANY	W5UBG	146.670 -		
#NEW ALBANY	KC5VZI	146.745 -	UNCOR	
NEW HEBRON	N5MRS	147.090 +	T	☺
OCEAN SPRINGS	W5LDD	147.030 +		☺
OXFORD	KF4SCT	145.470 -	T107.2	☺
PASCAGOULA	W5WA	145.110 -	T123.0	
PASCAGOULA	KE5SJ	146.880 -		
PASCAGOULA	N5PH	146.970 -	T	
PEARL/RANKIN CO	KF5IZ	147.150 +	T88.5	
PETAL	N5DWU	145.170 -	T136.5	☺
PHILADELPHIA	N5EPP	147.330 +		
PICAYUNE	K5LFP	145.150 -		
POLKVILLE	KB5LCL	147.045 +	T141.3	
PORT GIBSON	KE5WO	146.625 -		
PURVIS	KB5ZCX	146.670 -		
RAYMOND	KG5YV	147.240 +	PROP	
RICHTON	N5OCF	147.060 +	T	
SENATOBIA	KB5DMT	146.985 -	T107.2	
SHARON	N5ZQC	145.450 -	T100.0	☺
SOUTHAVEN	N5PYQ	145.370 -	T107.2	
STARKVILLE	KD5GVU	146.730 -	210.7	☺
STARKVILLE	KF5C	146.805 -	192.8	
#SUMNER	WB5FXH	147.090 +	UNCOR	
TUPELO	N5VGK	145.490 -		☺
UNION	N5SPJ	147.210 +	T100.0	
UTICA	N5ZMZ	145.350 -		☺
UTICA	N5ZMZ	147.345 +		☺
#VANCLEAVE	KE5TL	147.000 -	UNCOR	
VICKSBURG	WJ5L	145.290 -		
VICKSBURG	K5ZRO	147.270 +	T100.0	
VOSSBURG	KB5UIX	147.135 +	136.5	
WALLS	N5NBG	145.270 -	T162.2	
WATER VALLEY	N5DXM	147.000 -		
WAYNESBORO	W5SAR	147.105 +		☺
WAYNESBORO	N5DWU	147.315 +		☺
WEST POINT	KC5LIO	147.180 +		☺
WIGGINS	KB5DZJ	145.270 -	T136.5	☺
WINONA	N5EYM	146.970 -	110.9	

220 MHZ

BYHALIA	N4DRL	224.500 -		☺
VICKSBURG	WB5OWY	224.780 -		
WARSAW	N4DRL	224.880 -		☺
WAYNESBORO	W5SAR	224.140 -		☺

440 MHZ

ABERDEEN	KD5AHI	444.450 +		
AMORY	KB5DSN	444.825 +		
BYHALIA	N4DRL	444.300 +		☺
CLERMONT HARBR	WD5BJT	444.150 +		
CLINTON	KG5YV	444.000 +	T100.0	☺
ELLISVILLE	N5DWU	442.200 +	T167.9	☺
ELLISVILLE	N5DWU	442.250 +	T167.9	☺
GAUTIER	KA5NOJ	911.250 -		☺
GAUTIER	KA5NOJ	426.250 +		☺
GAUTIER	KC5LCW	443.450 +	123.0	☺
GREENVILLE	N5PS	444.675 +		
HATTIESBURG	W5CJR	443.700 +	T136.5	☺
HEIDELBERG	KC5RC	444.300 +	T100.0	
INDIANOLA	AB5DU	444.850 +	136.5	
JACKSON	KB5LCL	444.450 +	T141.3	
JACKSON	KB5CO	444.600 +	T100.0	☺
JACKSON	NC5Y	444.700 +		
JACKSON	KB5CO	444.800 +		
MCCOMB	N5HTQ	444.875 +	T100.0	
MENDENHALL	K5HYE	443.600 +		☺
MERIDIAN	KB5BRZ	444.100 +	131.8	
MERIDIAN	W5LRG	444.500 +	107.2	☺
NATCHEZ	N5IAT	443.800 +		
NETTLETON	AB5MU	444.625 +	192.8	☺
NEW ALBANY	WB5YCR	444.150 +		
NEW HEBRON	N5NNI	444.525 +	T	☺
PEARL	KB5HAV	444.375 +	T88.5	
PETAL	W5CJR	443.350 +	T	☺
PHILADELPHIA	WB5YGI	444.950 +		
PICAYUNE	KE5LT	443.725 +	T179.9	☺
PINOLA	KC5LXF	444.850 +		
PORT GIBSON	KC5CLM	444.575 +	T141.3	☺
RICHTON	N5OCF	444.625 +		
SOUTHAVEN	N5PYQ	444.925 +	T107.2	
STENNIS SPC CEN	WB4FUR	444.650 +		
TUPELO	N5VGK	444.950 +	T192.8	☺
VOSSBURG	N5LRQ	442.725 +	T167.9	
WALLS	N5NBG	444.650 +		
WAYNESBORO	W5SAR	443.500 +		☺
WAYNESBORO	W5SAR	443.550 +		☺
WEST POINT	N5WXD	443.450 +		☺
WIGGINS	KB5DZJ	443.300 +	167.9	☺

NORTH CAROLINA

10 METERS

HIGH POINT	KE4QOX	29.640 -	T103.5	☺
NEWPORT	K4GRW	29.660 -	PROP	
ROCKY MOUNT	N4JEH	29.660 -		
THOMASVILLE	WW4DC	29.680 -	88.5	☺
WILKESBORO	KC4XE	29.620 -		☺
ZEBULON	WB4IUY	29.620 -		

6 METERS

AIR BELLOWS GAP	WA4PXV	53.050 -		
ASHEVILLE	WD4BQW	53.270 -		☺
BARIUM SPRINGS	WA4WRS	53.670 -	PROP	☺
BOONE	WA4NC	53.790 -	PROP	☺
CHAPEL HILL	W4UNC	53.450 -	T	☺
CLAREMONT	WB4SRV	53.810 -	PROP	
CLINTON	W4TLP	53.330 -		☺
DURHAM	W4BAD	53.750 -		☺
EFLAND	WA1YYN	53.410 -	T107.2	☺
#FAYETTEVILLE	W4EBM	53.810 -	UNCOR	
GASTONIA/CRDR MT	N4XTF	53.110 -		☺
#HENDERSONVILLE	W4FOT	53.130 -	UNCOR	☺
KVILLE/HIPOINT	KF4QDS	53.590 -	T103.5	
LUMBERTON	KD4BGD	53.110 -		
MT MITCHELL	AB4JJ	53.630 -	T100.0	☺
MT.AIRY/FANCY GP	KD4FWS	53.070 -	T100.0	
MT.AIRY/FANCY GP	KD4FWS	53.970 -	T100.0	
NEWPORT	K4GRW	53.010 -	PROP	
PITTSBORO	KD4JFN	53.230 -	T107.2	☺
RALEIGH	K4ITL	53.030 -		☺
RALEIGH	W4BAD	53.190 -	PROP	☺
#RANLO	KC4YOZ	53.390 -	UNCOR	☺
REELSBORO	KF4IXW	53.090 -	T162.2	☺
ROCKY MOUNT	N4JEH	53.050 -		
ROCKY MOUNT	KC4SBJ	53.650 -	PROP	
SOPHIA/RANDLEMAN	WR4BEG	53.350 -		
THOMASVILLE	KE4QOX	53.010 -	T88.5	☺
THOMASVILLE	WW4DC	53.170 -	88.5	☺
THOMASVILLE	WW4DC	52.525 +	T88.5	☺
W. JEFFERSON	AB4JJ	53.330 -	T100.0	☺
#WEST JEFFERSON	WA4PXV	53.750 -	UNCOR	
WILLIAMSTON	K4SER	53.310 -		☺
WILMINGTON	AD4DN	53.430 -	T88.5	☺
YOUNGSVILLE	KD4MYE	53.370 -	T	☺
ZEBULON	WB4IUY	53.070 -	88.5	

2 METERS

AHOSKIE	WA4ZGQ	146.910 -	T131.8	☺
ALBEMARLE	K4OGB	146.985 -		☺
ANDRWS/ROBNSVL	K4AIH	147.045 -	T151.4	☺
ANDSN MT/DENVER	K4CCR	145.170 -	88.5	☺
AQUADALE	WA4CHZ	147.390 +		
ASHEBORO	KJ4AV	147.255 +		
#ASHEVILLE	WB4PLA	146.835 -	UNCOR	
ASHVL/MT PISGAH	WA4BVW	146.760 -		☺
ASHVL/SPIVEY MT	W4MOE	146.910 -	91.5	
BAKERSVILLE	KC4WPM	145.310 -		
BANER ELK/SUGAR	N4WET	146.625 -		☺
BENSON	KD4BJO	146.970 -		
BEULAVILLE	N4VBH	145.230 -		
BOONE/RICH MTN	WA4J	147.360 +	T103.5	☺
BREVARD	K4HXZ	147.135 +		☺
BROADWAY	K4ITL	147.105 +		☺
BURGAW	W4DLH	146.940 -		☺
BURLINGTON	K4FHB	146.670 -		☺
BURNSVILLE	KD4WAR	146.955 -		
BURNSVILLE	KD4WAR	147.375 +		
BUTNER	N4NCK	145.370 -		☺
BUTNER	WA4IZG	146.940 -	T156.7	☺
BUXTON	K4USB	146.625 -	131.8	☺
CANTON	W4DJB	146.805 +		☺
CARTHAGE	W2SE	147.240 +		☺
CHAPEL HILL	W4UNC	145.230 -	T107.2	☺
CHAPEL HILL	K4ITL	147.135 +	T82.5	☺
CHARLOTTE	W4BFB	145.230 -		☺
CHARLOTTE	W4BFB	145.290 -		☺
CHARLOTTE	WA4AOS	145.350 -		☺
CHARLOTTE	W4BFB	146.940 -		☺
CHARLOTTE	W4CQ	147.060 -		☺
CHARLOTTE	W4CQ	147.270 +		☺
CHINA GROVE	N4XO	145.410 -	136.5	☺
CLAREMONT	WB4SRV	147.225 +	T162.2	☺
CLAYTON	WB4IUY	147.390 +	T88.5	
CLINTON	W4TLP	146.790 -		☺
COINJOCK	WN3X	145.290 -	131.8	
COLUMBIA	KB4TOH	146.835 -	T131.8	☺
#CONCORD/KANNAP	K4CEB	146.655 -	UNCOR	☺
CROSSNORE	KD4GLB	146.700 -	167.9	
DUNN	N4CID	146.700 -		
DURHAM	WR4AGC	145.450 -		☺
DURHAM	WD4LDB	147.360 +		
EDEN/STONEVILLE	WA4QBG	147.390 +		
EFLAND	WA1YYN	147.180 +	T156.7	☺
ELIZABETH CITY	WA4VTX	146.655 -	131.8	☺
ELM CITY	K2IMO	145.150 -	T88.5	
FARMVILLE	K4ROK	145.270 -	T131.8	☺
FAYETTEVILLE	N4EWG	146.805 -		
FAYVLLE/CFARS	WB4YZF	146.910 -	100	
FAYVLLE/FT BRAGG	W4LPL	147.330 +		
FOREST CITY	WA4BKU	146.670 -		
FOREST CITY	W4SIJ	147.240 +	T123.0	☺
FRANKLIN	NT4K	145.490 -		
FRANKLIN	W4GHZ	147.240 +	T151.4	☺
GASTONIA/CRWDR	K4GNC	146.805 -		☺
GASTONIA/SPCR MT	N4GAS	147.120 +		☺
GIBSONVILLE	WB4IKY	145.490 -	T107.2	☺
GOLDSBORO	KI4RK	145.330 -	100.0	☺
GOLDSBORO	K4CYP	146.850 -	T	☺
GRAHAM	K4GWH	147.375 +	T114.8	☺
GREENSBORO	W4GSO	145.150 -		
GREENSBORO	W4GG	145.250 -	T88.5	☺
GREENSBORO	K4GWH	146.760 -	T88.5	☺
GREENSBORO	KG4BTN	147.030 +	PROP	
GREENSBORO	W4BUZ	147.210 +		
GREENVILLE	WD4JPQ	145.350 -	T131.8	
GREENVL/ESTN NC	W4GDF	147.090 +		
GRIFTON	W4NBR	146.685 -	88.5	☺
HATTERAS ISLAND	K4OBX	145.150 -	T131.8	☺
HAW RIVER	KD4JFN	146.715 -	T107.2	☺
HENDERSONVILLE	WB4YAO	146.640 -	T100.0	☺
HENDERSONVILLE	WA4KNI	147.105 +		
HENDSVL/BERWLW	WA4KNI	145.270 -		
HENDSVL/PENIC	WA4KNI	147.255 +		
HICKORY/BRT. MT	WA4DSZ	146.850 -		
HIGH PEAK MTN	K4OLC	145.210 -	94.8	☺
#HIGH POINT	KC4AR	145.290 -	UNCOR	
HIGH POINT	KB4BPV	146.835 +		
HIGH POINT	W4UA	147.165 +		☺
HILLSBOROUGH	WR4AGC	147.225 +		☺
JACKSONVILLE	KA4SQN	145.190 -		
JACKSONVILLE	WD4FVO	147.000 -		
JEFFERSON	W4YSB	147.300 +	T103.5	
KANNAPOLIS	N4JEX	147.300 +	T136.5	☺
KILL DEVIL HILLS	W4PCN	145.110 -	131.8	
KINSTON	W4OIX	145.470 -		☺
#LAURINBURG	KI4RR	146.625 -	UNCOR	
#LENOIR	N4NIN	147.195 +	UNCOR	
LENOIR/HIBRITN	KN4K	147.330 +	T141.3	☺
LEXINGTON	N4LEX	145.310 -	T88.5	☺
LEXINGTON	K4IZM	146.910 -	T107.2	☺
LINCOLNTON	NC4LC	147.015 +	141.3	
#LUMBERTON	W4NHV	145.150 -	UNCOR	☺
LUMBERTON	W4NHV	147.045 +		☺
LUMBERTON	KD4PBK	147.165 +	T88.5	☺
LUMBERTON	W4PET	147.360 +		☺
MACO	WA4LED	147.060 +	T88.5	☺
MADISON	WA4IXW	147.345 +	T103.5	
MANTEO/WANCHES	W4ACY	146.940 -		
MARION	WD4PVE	146.985 -	118.8	
MIDWAY	KM4AR	145.270 -	T77.0	☺
MILLERS CREEK	N4GGN	146.715 -		☺
MONROE/UCARS	N4ZVN	145.390 -	T94.8	
MORGANTON	KC4QPR	146.745 -	94.8	☺
MORGANTON	K4VLY	147.150 +		☺
MOUNT AIRY	N4VRD	145.330 -	T100.0	☺
MOUNT AIRY	N4XRY	146.970 -		
MT MITCHELL	WA4BVW	145.190 -		☺
MURPHY/STALCUP	KB4YSX	146.865 +	T151.4	☺
N. WILKESBORO	W4HF	145.370 -		☺
NEW BERN	WD4JMS	146.610 -	T100.0	☺
NEWPORT	K4GRW	145.450 -		
NEWTON	K4CCR	147.075 +	T88.5	☺
ORIENTAL	W4SLH	147.210 +		
OXFORD	N4NCK	145.170 -		☺
PITTSBORO	KD4JFN	147.075 +	T146.2	☺
RAEFORD	KU4W	145.430 -	100.0	☺
RALEIGH	W4RNC	145.130 -	T88.5	
RALEIGH	K4GWH	145.190 -	T156.7	☺
RALEIGH	WB4TQD	145.390 -	T82.5	☺
RALEIGH	W4BWC	145.490 -	T88.5	☺
RALEIGH	WB4TOP	146.610 -	T131.8	☺
RALEIGH	W4DW	146.640 -	T88.5	
RALEIGH	W4BWC	146.730 -	T88.5	☺
RALEIGH	NC4SU	146.775 -	T88.5	☺
RALEIGH	WB4TQD	146.880 -		☺
RALEIGH	KD4MYE	147.015 +		☺
RALEIGH	KO4CW	147.195 +	T88.5	
RALEIGH/BENSON	AK4H	147.270 +		☺
RED SPRINGS	W4MZP	147.300 +		☺
REIDSVILLE	N4IV	146.850 -	T103.5	
#ROANOKE RAPIDS	N4WFU	145.310 -	UNCOR	
ROANOKE RAPIDS	KB4DJT	147.030 +		
ROANOKE RAPIDS	K4ITL	147.150 +	PROP	☺
ROARING GAP	WB4PZA	146.820 -		☺

SYMBOLS: ☺ = Full Member SERA T=Tone Accessed (plus tone freq)
# and/or UNCOR = Uncoordinated PROP = Proposed Rptr. Under Const.

SERA REPEATER LISTINGS - BY STATE - BY CITY . . . continue

N. CAROLINA REPEATERS CONTINUE

ROBBINSVILLE	W4FMF	145.110 -	T151.4	☺
ROCKINGHAM	K4RNC	146.955 -		☺
ROCKY MOUNT	KF4NOV	145.290 -	PROP	
ROCKY MOUNT	W4DCG	146.805 -	T118.8	☺
ROCKY MOUNT	WN4Z	147.120 +	131.8	☺
ROLLESVILLE	KF4HFQ	147.315 +	T88.5	
ROSEBORO	K4ITL	145.310 -		☺
SALISBURY	W4EXU	146.730 -	T94.8	☺
SAURATOWN MT	W4NC	145.470 -	T100	☺
SAURATOWN MT	KG4ASL	146.790 -	T107.2	☺
SAURATOWN MT	K4MPJ	147.315 +	T100.0	
SHALLOTTE	K4PPD	145.370 -		☺
SHALLOTTE	K4PPD	147.315 +		☺
SHALLOTTE	K4PPD	147.390 +		☺
SHELBY	W4NYR	146.880 -		
SHELBY	W4NYR	147.345 +		
SOUTHPORT	W4ZU	146.775 -	100.0	☺
SPARTA/GREEN MT	K4QFQ	145.430 -		☺
STAR/BISCOE	KI4DH	147.090 +	PROP	
STATESVILLE	KE4WSX	146.685 -		☺
#STATESVILLE	KC4MJC	147.045 +	UNCOR	☺
SWANSBORO	KB2XI	146.760 -		☺
SYLVA	KF4DTL	147.345 +	151.4	
THOMASVILLE	WW4DC	147.000 +	T88.5	☺
TRENTON	WB4TQD	145.210 -		☺
TRYON	KF4JVI	145.330 -		☺
WADESBORO	W4USH	146.835 -		☺
WASHINGTON	WA4TEP	147.345 +		☺
WAXHAW	WA4ZRS	146.865 +	T94.8	☺
WAYNESVILLE	N4SM	147.270 +		☺
WAYNESVILLE	N4DTR	147.390 +		☺
WHITEVILLE	W4NTQ	147.210 +		☺
WILLIAMSTON	K4SER	145.410 -	T131.8	☺
WILMINGTON	AD4DN	146.670 -	T88.5	☺
WILMINGTON	W4VNK	146.730 -		☺
WILMINGTON	K4GMP	146.820 -	T88.5	☺
WILMINGTON	WA4US	147.135 +	T67.0	☺
WILMINGTON	AC4RC	147.180 +	T88.5	☺
WILSON	WB4THL	146.760 -	131.8	
WILSON	WB4IUY	147.300 +	T88.5	
WINSTON-SALEM	W4NC	146.640 -	T100	☺
YADKINVILLE	N4YSB	147.015 -		☺
YOUNGSVILLE	KD4MYE	145.110 -	88.5	☺

220 MHZ

ANDRWS/ROBINSVL	K4AIH	224.880 -	T	☺
ASHEVILLE	WB4PLA	224.600 -		
ASHVL/MT PISGAH	WA4BVW	224.260 -		☺
BANNER ELK	WA4NC	224.840 -	PROP	☺
BARIUM SPRINGS	WA4WRS	224.300 -		☺
BIG KNB/MARS HIL	KE4RQL	224.660 -	100.0	☺
BURNSVILLE	KD4WAR	224.740 -		
CANTON	N4DWU	224.820 -		☺
CHARLOTTE	W4BFB	224.400 -		☺
CHERRYVILLE	KC4ZTJ	224.960 -		
CLEMMONS	WB9SZL	224.700 -	T100.0	☺
DUNCAN	KM4TC	224.700 -	T88.5	
EDEN	N4IV	224.780 -	T103.5	
EFLAND	WA1YYN	224.660 -	T107.2	☺
FAYETTEVILLE	WB4YZF	224.560 -		
FRANKLIN	W4UWH	224.100 -	PROP	
GASTONIA	KC4IRA	224.620 -	T127.3	
GOLDSBORO	W3PS	224.960 -	T156.7	☺
GREENSBORO	WB4GUG	224.440 -	T107.2	☺
GREENSBORO	N4QVI	224.960 -		
GRIFTON	WA4DAN	224.840 -		
#GRIMESLAND	WB4PAC	224.360 -	UNCOR	☺
HAW RIVER	KD4JFN	224.620 -	T107.2	☺
HENDSVL/BERWLW	WA4KNI	224.240 -		
HILLSBOROUGH	WR4AGC	224.260 -		☺
JACKSONVILLE	KA4SQN	224.320 -		
KERNERSVILLE	KD4LHP	224.820 -	T107.2	
KVILLE/HIPOINT	KE4QOX	224.240 -	T107.2	☺
LENOIR/HIBRITN	KN4K	224.160 -		☺
LEXINGTON	KR4HJ	224.520 -	PROP	
LOCUST	W4DEX	224.480 -		☺
MARSHALL	WA4TG	224.360 -	T	
MT MITCHELL	WA4BVW	224.540 -		☺
OXFORD	N4NCK	224.740 -		☺
RALEIGH	W4RNC	224.640 -		
ROCKY MOUNT	NF4C	224.220 -		☺
ROCKY MOUNT	KR4AA	224.580 -		☺
SALISBURY	W4EXU	224.760 -		☺
SHELBY	W4NYR	224.060 -		
SHELBY	KC4ZTJ	224.460 -		
SOPHIS/RANDLEMAN	WR4BEG	224.140 -	T	
THOMASVILLE	WW4DC	224.340 -	T88.5	☺
#THOMASVILLE	KC4KUL	224.600 -	UNCOR	
TRENTON	WA4DAN	224.720 -		
#WALKERTOWN	WA4RQF	224.580 -	UNCOR	☺
WALKERTOWN	WA4RQF	224.640 -		☺
WILMINGTON	WA4US	224.200 -	T	☺
WILMINGTON	AD4DN	224.500 -	T88.5	☺
ZEBULON	KD4WJD	224.800 -	T88.5	

440 MHZ

AIR BELLOWS GAP	WA4PXV	443.575 +		
ANDRWS/ROBINSVL	WD4NWV	442.600 +	T151.4	☺
ANDRWS/ROBINSVL	K4AIH	443.650 +	T	☺
ANDSN MT/DENVER	K4CCR	444.075 +	88.5	☺
APEX	KD4PBS	442.075 +	PROP	☺
ARCHDALE	KC4KUL	443.300 +		
ASHEBORO	WD4ICX	442.325 +		
ASHEBORO	KD4JYV	444.300 +	PROP	
ASHEBORO	KE4AQP	444.975 +		☺
ASHEVILLE	WA4TOG	442.550 +		☺
ASHEVILLE	KF4TLA	443.275 +	103.5	
AUBURN	N4ZCM	442.275 +		
BREVARD	AG4AZ	442.850 +		☺
BRYSON CITY	N0SU	442.750 +	PROP	
BURNSVILLE	KD4WAR	443.650 +		
CANTON	KE4UIU	443.475 +	T156.7	
CARY	K4JDR	444.775 +	T100.0	☺
CASTALIA	N4JEH	444.975 +	T107.2	
CHAPEL HILL	W4UNC	442.150 +	T	☺
CHAPEL HILL	W4UNC	443.475 +	T131.8	☺
CHARLOTTE	W4PPN	421.250 +		☺
CHARLOTTE	W4CQ	444.450 +		☺
CHARLOTTE	W4BFB	444.600 +	T100.0	☺
CHARLOTTE	W4WBT	444.675 +		☺
CHARLOTTE	W4CQ	444.850 +		☺
CHINA GROVE	N4JEX	443.250 +	T136.5	☺
CLAREMONT	WB4SRV	443.775 +	T118.8	☺
CLAYTON	K4JDR	444.150 +	PROP	☺
COLFAX	KS4SB	442.200 +	PROP	
COLUMBIA	KB4TOH	443.300 +	131.8	☺
COLUMBUS	K4JLA	442.075 +	PROP	
CONCORD	N6CLU	442.675 +	PROP	☺
CRAB CREEK TWP	KB4PQA	443.125 +		
DALLAS/CHARLTE	WA1WXL	444.950 +	T136.5	☺
DALLAS/CLT	KC4YOZ	443.850 +	T100.0	☺
DURHAM	WR4AGC	444.100 +		☺
DURHAM	KB4WGA	444.925 +	T156.7	☺
DURHAM TV HILL	KJ4SO	421.250 +		
EFLAND	WA1YYN	442.050 +	T107.2	☺
ELIZABETH CITY	WA4VTX	444.300 +	T131.8	☺
FAYETTEVILLE	WB4YZF	444.400 +	100HZ	
FOREST CITY	KC4YOQ	444.400 +		
FRANKLIN	N4DTR	444.375 +	T131.8	☺
GASTONIA/CRWDR	KC4ZTI	443.750 +		
GASTONIA/CRWDR	AG4EI	444.150 +	T	☺
GASTONIA/CRWDR	KC4YOT	444.750 +		☺
GASTONIA/SPCR MT	N4GAS	444.550 +		☺
GIBSONVILLE	WB4IKY	443.025 +	T107.2	☺
GIBSONVILLE	WB4IKY	444.350 +	T107.2	☺
GOLDSBORO	W3PS	443.050 +	T156.7	☺
GRAHAM	K4GWH	443.725 +	T156.7	☺
GRANTSBORO	KR4LO	444.350 +		☺
GREENSBORO	KO4AT	421.250 +		☺
GREENSBORO	WG4R	442.725 +		☺
GREENSBORO	W4GSO	442.875 +	T88.5	
GREENSBORO	KG4BTN	443.650 +	88.5	☺
GREENSBORO	K4GWH	444.225 +	T146.2	☺
GREENSBORO	KG4BTN	444.475 +	107.2	☺
GREENVILLE	WB4PMQ	444.800 +	T131.8	☺
HATTERAS ISLAND	K4OBX	444.925 +	T131.8	☺
HAW RIVER	KD4JFN	443.775 +	T107.2	☺
HENDERSON	KB4WGA	444.375 +	PROP	☺
HENDERSONVILLE	WA4TOG	442.450 +		☺
HENDSVL/BERWLW	WA4KNI	444.250 +		
HICKORY	WA4PXV	442.375 +		
HICKORY	K4JEQ	444.000 +		
HICKORY	KF4LUC	444.800 +	T94.8	☺
HIGH POINT	W4UA	443.900 +		☺
HIGH POINT	KD4JFN	444.025 +	T107.2	☺
HILLSBOROUGH	WA1YYN	443.950 +	PROP	☺
HILLSBOROUGH	WR4AGC	444.450 +	PROP	☺
#JACKSONVILLE	KE4JDP	444.675 +	UNCOR	
KANNAPOLIS	N4JEX	443.350 +	T136.5	☺
KERNERSVILLE	KF4IXK	443.325 -	T131.8	
#KING/SAURATOWN	KE4QEA	444.200 +	UNCOR	☺
KINSTON	N4HAJ	444.575 +	T88.5	
KVILLE/H POINT	KE4QOX	443.700 +	T103.5	
LAKE GASTON	KF5TU	442.350 +	T100.HZ	☺
LENOIR/CAJAH MT	N4EUX	443.525 +		☺
LEXINGTON	KO0NTZ	442.275 +	PROP	☺
LEXINGTON	K4AE	442.425 +	T107.2	☺
LEXINGTON	K4CH	442.925 +	T107.2	☺
LEXINGTON	WD4ICX	444.500 +		
LILLINGTON	W4FBC	444.175 +	PROP	
LINCOLNTON	WA4YGD	442.350 +		☺
LOCUST	WA4LBT	443.700 +		☺
LOUISBURG	N4EWS	444.250 +	88.5	
LUMBERTON	WB4DVN	444.625 +		
LUMBERTON	KD4BGD	444.700 +	T114.8	
MAYODAN	WA4WGY	443.975 +		
MCLEANSVILLE	WB4GUG	444.125 +	T	☺
MIDDLESEX	NE4J	444.650 +	T179.9	
MONROE	N4ZVN	444.425 +	T94.8	
MORG/WALKER TOP	KC4QPR	442.300 +	94.8	☺
MORGANTON	KC4QZL	443.800 +	T	
MOUNT AIRY	N4XRY	444.925 +		
MT AIRY/FSH PK	KF4UY	444.825 +	T100.0	☺
MT MITCHELL	N4DWU	443.600 +		☺
NEW BERN	WD4JMS	444.900 +	T100.0	☺
NEWPORT CCARS	W4YMI	444.975 +		☺
NEWTON	KE4KIV	442.625 +		
OLD FORT	KR4EX	444.775 +		
PIKEVILLE	KI4RK	443.000 +	PROP	☺
PINEY KNOB	KC4KPW	443.875 +	T103.5	
PITTSBORO	K1BUD	442.550 +	T	☺
PITTSBORO	KD4JFN	444.750 +	T146.2	☺
POLKVILLE	KC4ZTJ	444.975 +		
RALEIGH	K4SCS	442.025 +	PROP	☺
RALEIGH	N4LMR	442.450 +		
RALEIGH	W4MLU	442.575 +	T156.7	
RALEIGH	NC4SU	442.675 +	100.0	☺
RALEIGH	WA4NNA	443.125 +		☺
RALEIGH	N4ZCM	443.225 +	T	
RALEIGH	W1IFL	443.375 +	T	
RALEIGH	W4RNC	444.525 +	T88.5	
RALEIGH	K4GWH	444.825 +	T146.2	☺
RALEIGH	KD4RAA	444.875 +	T100.0	☺
REIDSVILLE	K4YEC	444.800 +	T107.2	
RES. TRIANGLE PK	WA1YYN	443.425 +	T156.7	☺
ROANOKE RAPIDS	KA4BQM	444.550 +	T192.8	
ROARING GAP	KC4XE	443.550 +		☺
ROCKY MOUNT	N4JEH	443.700 +	T107.2	
ROCKY MOUNT	N4JEH	444.700 +		
ROUGEMNT/RED MT	WA4WTX	443.275 +	100.0	☺
RTP	W4EUS	443.625 +		
SALISBURY	W4HG	443.150 +		
#SALISBURY	N4MME	444.650 +	UNCOR	
SANFORD	W4RNR	442.375 +		
SAURATOWN MT	WA1YYN	442.825 +	PROP	☺
SAURATOWN MT	KE4QOX	443.100 +	T88.5	☺
SAURATOWN MT	WB4GUG	443.400 +	T107.2	☺
SELMA	KI4RK	444.000 +		☺
#SHELBY	W4NYR	427.250 +	UNCOR	
SOPHIA/RANDLEMAN	WR4BEG	443.075 +		
SOUTHERN PINES	KD4QMS	444.800 +	T118.8	
SPINDALE	KC4IEV	443.300 +	T123.0	☺
SPIVEY'S CORNER	KD4DMS	442.875 +		
#STANFIELD	W4DEX	443.200 +	UNCOR	☺
STATESVILLE	N4VOZ	443.450 +		
STATESVILLE	AE4GA	444.700 +	PROP	
TARBORO	N4JEH	444.500 +	T100.0	
TAYLORSVILLE	W4ERT	441.625 +	T151.4	☺
TAYLORSVILLE	W4ERT	441.725 +	PROP	☺
TAYLORSVILLE	W4ERT	442.950 +	T151.4	☺
THOMASVILLE	WW4DC	442.900 +	T88.5	☺
#WALKERTOWN	WA4RQF	444.775 +	UNCOR	☺
WAXHAW	WA4ZRS	444.525 +	T94.8	☺
WAYNESVILLE	N4DTR	444.450 +		☺
WENTWORTH	N4IV	442.100 +	PROP	
WEST JEFFERSON	AB4JJ	443.500 +	PROP	
WILKESBORO	KE4DGP	442.475 +	T107.2	
WILLIAMSTON	K4SER	444.250 +	T131.8	☺
WILMINGTON	N4JDW	442.075 +	T88.5	
WILMINGTON	WA4US	442.175 +		☺
WILMINGTON	WA4US	442.200 +	T	☺
WILMINGTON	K4YNY	442.500 +	T88.5	☺
WILMINGTON	AD4DN	443.400 +	T88.5	☺
WILMINGTON	WA4US	443.850 +		☺
WILMINGTON	WA4US	443.950 +		☺
WILMINGTON	WA4US	444.200 +		☺
WILMINGTON	WA4US	444.450 +		☺
WILMINGTON	WA4US	444.650 +		☺
WILMINGTON	K4GMP	444.850 +	T88.5	☺
WILSON	NE4J	444.900 +	T179.9	
WINGATE	WB4U	444.875 +	T127.3	
WINSTON-SALEM	KU4MC	442.575 +	PROP	☺
WINSTON-SALEM	W4NC	444.275 +	PROP	☺
WINSTON-SALEM	KD4MMP	444.725 +	T107.2	☺
YADKINVILLE	N4AAD	442.800 +	T100.0	☺
YOUNGSVILLE	KD2LH	443.200 +	T88.5	☺
ZEBULON	WB4IUY	442.300 +	88.5	
ZEBULON	KD4WJD	442.400 +		

920 MHZ

RALEIGH	W4FAL	920.800 -	T156.7	☺

1270 MHZ

#CHARLOTTE	W4PPN	1253.250 +	UNCOR	☺
CONCORD	N6CLU	1285.000 -	PROP	☺
GASTONIA/CRWDR	AG4EI	1292.820 -		☺
WILMINGTON	AD4DN	1291.410 -	88.5	☺

SOUTH CAROLINA

BEACON

RKY RDG/WALLACE	W4APE	29.600 -		☺

10 METERS

SUMTER	W4GL	29.660 -		☺

6 METERS

BLYTHEWOOD	N0WFL	53.010 -	PROP	
CHESTER	KF4SXO	53.290 -		
GILBERT	KC4GYM	53.270 -	T162.2	☺
GVL/CSR'S HEAD	KO4MZ	53.410 -	T131.8	☺
LITTLE MOUNTAIN	KN4AS	53.190 -	T156.7	
MOUNTAIN REST	KF4IWA	53.590 -		
ORANGEBURG	AD4U	53.210 -	PROP	
ORANGEBURG	AD4U	53.210 -	PROP	
SUMTER	W4GL	53.770 -		☺

2 METERS

ADAMS RUN (CHAS)	KF4CDR	147.345 +	T	☺
AIKEN	KY4S	145.170 -		☺

SERA REPEATER LISTINGS - BY STATE - BY CITY . . . continue

S. CAROLINA REPEATERS CONTINUE

AIKEN	N4ADM	147.285 +		☺
ANDERSON	N4AW	146.970 -		☺
ANDERSON/SAS MT	N4AW	146.790 -		☺
AWENDAW	K4LWS	147.300 +	T103.5	
BAMBERG	WA4DFP	145.330 -		
#BARNWELL	KF4CVO	147.030 +	UNCOR	☺
BEAUFORT	W4IAR	145.310 -		☺
BEAUFORT	KD4KOJ	146.655 -		☺
BISHOPVILLE	W4APE	146.925 -		☺
BLYTHWOOD	N0WFL	147.000 -		
CAMDEN	KT4NZ	146.820 -	PROP	
CHARLESTON	WA4USN	145.250 -	123.0	
CHARLESTON	WA4USN	146.790 -		
CHARLESTON	KT4YW	146.835 -		☺
CHARLESTON	KF4CDR	146.940 -		☺
CHARLESTON AREA	W4ANK	147.270 +		☺
CHERAW	W4APE	145.490 -		☺
CHESTER	KG4FRA	145.310 -		
CHESTER	KF4SXO	146.625 -		
CHESTERFIELD	KF4GPE	147.135 +		☺
CLEMSON UNIV	WD4EOG	145.450 -	T	
COLUMBIA	N0YVN	145.190 -	PROP	
COLUMBIA	KC4GYM	145.270 -	T127.3	☺
DILLON/PEE DEE	NN4N	146.745 -		
EASTOVER	KT4BU	147.075 +	T156.7	☺
FLORENCE	W4ULH	146.850 -		☺
FLORENCE	W4GEY	146.970 -		☺
FLORENCE	W4APE	147.195 +		☺
FORT JACKSON	KF4GHC	146.775 -	T156.7	☺
FORT MILL	WZ4SC	145.110 -		☺
FORT MILL	W4DXA	147.180 +		☺
GAFFNEY	KN4RG	145.470 -	T141.3	☺
GEORGETOWN	KI4CB	147.375 +	T179.9	☺
GILBERT	KF4GHC	145.430 -	T156.7	☺
GREELEYVILLE	KG4AQH	145.230 -		☺
GREENVILLE	W4IQQ	146.940 -	T7	☺
GREENWOOD	W4JAK	145.130 -	123.0	☺
GREENWOOD	W4GWD	147.165 +	107.2	☺
#GREENWOOD	K4LEO	147.375 +	UNCOR	
GRNVLE/CSRS HD	W4NYK	146.610 -		
GRNVLE/PARIS MT	W4NYK	146.820 -		
HILTON HEAD	W4IAR	147.240 +	T	☺
INMAN	K8HID	145.150 -		
LANCASTER	W4PAX	146.700 -		☺
LANCASTER	AC4VT	147.240 +	T88.5	
LAURENS	KD4HLH	146.865 -	T107.2	☺
LEESVILLE	W4RRC	147.255 +	T123.0	☺
LEXINGTON	NS4SC	145.210 -		
LEXINGTON	KA4FEC	147.390 +		☺
LITTLE MT.	K4AVU	147.210 +		
MARION	WA4MRV	147.000 -		
MONCKS CORNER	WD4NUN	147.150 +	T	☺
MOUNTAIN REST	KU4OL	147.030 -	PROP	
MT PLEASANT	K4ESG	146.760 -	T	
MT. PLEASANT	N7GZT	145.450 -	T	
MYB BCH/BRKSVIL	N4LV	147.285 +		☺
MYR BCH/CONWAY	W4GS	145.110 -		☺
MYR BCH/CONWAY	KI4CB	145.470 -	T179.9	☺
MYRTLE BEACH	W4GS	145.290 -	85.4	☺
MYRTLE BEACH	W4GS	147.120 +		☺
N. AUGUSTA	K4NAB	146.730 -	T	☺
#N. MYRTLE BEACH	K4NMB	147.030 +	UNCOR	☺
N. SPARTANBURG	N4UZT	147.315 +	T141.3	
ORANGEBURG	KF4ATU	146.805 -	T156.7	☺
ORANGEBURG	KF4IIM	146.880 -	T118.8	
ORANGEBURG	KF4ATU	147.090 +	T156.7	☺
PAGELAND	W4APE	146.895 -		☺
PICKENS	WR4PKZ	146.700 -		☺
PUMPKINTOWN	KU4ZS	145.290 -	PROP	
ROCK HILL	K4YTZ	147.030 -		
SANTEE	W4DTW	147.225 +		☺
SENECA/LONG MT	WA4JRJ	147.270 +		
SIMPSONVILLE	WA4UKX	146.730 -	100.0	☺
SPARTANBURG	K4JLA	147.090 +		☺
ST. MATTHEWS	AD4U	146.670 -	T156.7	
SUMMERVILLE	W4HNK	147.180 +	123.0	☺
SUMTER	K4JR	145.130 -		
SUMTER	W4GL	146.640 -		☺
SUMTER	W4GL	147.015 +	156.7	☺
UNION	K4USC	145.250 -		☺
UNION	K4USC	146.685 -		☺
WALTERBORO	KF4CDR	147.135 +	T	
WHITE HALL	W4BWZ	146.910 -		☺
#WHITE OAK MTN	W4RCW	147.285 +	UNCOR	

220 MHZ

COLUMBIA	KC4GYM	224.560 -	T162.2	☺
FORT MILL	WZ4SC	224.800 -		
GREENVILLE	W4ILY	224.200 -		☺
GRNVL/DOWNTWN	W4NYK	224.920 -	88.5	
LITTLE MTN	K4RWN	224.520 -		
PICKENS	AC4RZ	224.280 -		
PICKENS	WB4QHF	224.400 -	T131.8	☺
PICKENS/CSRS HD	WB4QHF	224.140 -	T131.8	☺
PICKENS/SASFR MT.	W4IT	224.320 -		☺
SUMTER	W4GL	224.120 -		☺

440 MHZ

AIKEN	AC4WW	443.400 +	T107.2	☺
#BLUFFTON	WA4MPZ	442.675 +	UNCOR	☺
BLYTHEWOOD	N0YNV	444.000 +	PROP	
CHARLESTON	KF4CDR	442.775 +	T	☺
CHARLESTON	N4MNH	444.300 +		☺
CLEMSON UNIV.	WD4EOG	444.625 +	T156.7	
COLUMBIA	KF4GHC	444.200 +	T156.7	☺
COWPENS	KE4EAN	443.625 +	T136.5	☺
EASLEY/SAS MTN	AC4RZ	444.925 +	T103.5	
FORT MILL	WZ4SC	443.475 +		☺
GAFFNEY	KC4IEV	442.000 +	114.8	☺
GILBERT	N5CWH	443.500 +	PROP	
GREENVILLE	KB4PQA	442.250 +		
GREENWOOD	W4GWD	443.900 +	107.2	☺
GRNVLE/PARIS MT	ND4N	443.350 +		☺
KNIGHTSVILLE	WA4USN	441.350 +		☺
LAURENS	KD4HLH	443.175 +	T146.2	☺
LAURENS	KF4Y	443.775 +	T141.3	
LIBERTY	N4VDE	443.975 +	PROP	
LITTLE MT	NK4W	442.975 +	T162.2	
MOUNTAIN REST	AE4PZ	442.775 +	T127.3	
MT. PLEASANT	WA4USN	441.450 +	PROP	☺
MT. PLEASANT	KD4CHL	444.875 +		
MYB BCH/BRKSVIL	N4LV	444.525 +		☺
MYR BCH/CONWAY	W4GS	444.675 +		☺
MYRTLE BEACH	K2PJ	444.575 +	85.4	☺
NO. CHARLESTON	KT4YW	444.600 +		☺
ORANGEBURG	N7GZT	442.200 +	T	
ORANGEBURG	WM3O	444.975 +		☺
PICKENS	WR4PKZ	442.125 +		☺
PICKENS/CSRS HD	WB4QHF	442.400 +	T127.3	☺
SIMPSONVILLE	N4GLB	442.725 +		☺
SUMMERVILLE	KC4ED	442.300 +	T	☺
SUMMERVILLE	W4HNK	443.800 +		☺
SUMTER	WZ4O	421.250 +		
SUMTER	W4GL	444.150 +	123.0	☺
UNION	K4USC	442.100 +	PROP	☺

1270 MHZ

BLYTHEWOOD	N0WFL	1292.000 -	PROP	

TENNESSEE

BEACON

GREENEVILLE	WB4NKM	222.058 -		

10 METERS

GALLATIN/BNA	W4CAT	29.640 -	T107.2	
GREENEVILLE	WB4NKM	29.640 -		
MEMPHIS	W4ZJM	29.620 -	T*#	
SPRINGFIELD	N8ITF	29.680 -	88.5	
UNION CITY	WA4YGM	29.660 -		

6 METERS

CHATTANOOGA	K4VCM	53.350 -		
COOKEVILLE	WA4UCE	53.190 -	PROP	
DRESDEN	KE4OVN	53.710 -	T107.2	
GALLATIN	WA4BGK	53.050 -	T114.8	
GRAY/HOLSTON MT	WM4T	53.010 -		
KINGSPORT	K4GX	53.430 -	PROP	
#KNOXVILLE	WA4YON	53.250 -	UNCOR	
KNOXVILLE	N4OQJ	53.550 -	PROP	
KNOXVILLE	W4BBB	53.770 -	PROP	☺
KNXVL/ENG MT	WB4IOB	53.150 -		☺
LAFOLLETTE	K4BGW	53.170 -	PROP	
MARYVILLE	KC4PDQ	53.370 -		☺
MCNAIRY	NU5O	53.350 -	T107.2	☺
MEMPHIS	WA4KOG	53.010 -		
MEMPHIS	K4RDK	53.550 -		
MEMPHIS	W4GMM	53.930 -	T107.2	☺
MONTEAGLE MTN	NQ4Y	53.450 -	114.8	☺
MORRISTOWN	KF4FTD	53.030 -	PROP	
MORRISTOWN	KQ4E	53.230 -		
NASHVILLE	WA4BGK	53.010 -	T114.8	
NASHVILLE	N4ARK	145.210 -		☺
OAK RIDGE	WD4GYN	53.110 -		
ROAN MTN	KD4SQB	53.310 -		
#ROGERSVILLE	K4GX	53.750 -	UNCOR	
SPRINGFIELD	N8ITF	53.150 -	107.2	
WAVERLY	NO4Q	53.090 -		☺

2 METERS

ALAMO	WB4EDS	147.135 +		
ANDERSON CTY	KF4BVQ	146.700 -	T100.0	
ARNOLD A.F.B.	KC4FV	147.195 +		☺
ATHENS	KG4FZR	145.150 -	T141.3	☺
ATHENS	WA4PNI	145.310 -	T141.3	☺
BENTON	K4SIR	145.450 -	T	
BLOUNTVILLE	W4CBX	147.000 +		☺
BOLIVAR	WD4OZN	147.045 +		☺
BRADEN	WA4KOG	145.490 -		
BRISTOL	W4UD	146.670 -		☺
BRISTOL	WD4CYZ	146.880 -		
BROWNSVILLE	KB4YTU	145.430 -		
BROWNSVILLE	KD4AOK	146.655 -		
BRSTL/HOLSTN MT	K4JP	146.760 -		
BRUCETON	KF4SCT	145.170 -	T107.2	☺
BUCKSNORT	KF4SCT	145.430 -	T107.2	☺
CARLISLE	KT4WS	145.250 -		☺
CARTHAGE	N4OTT	145.190 -		☺
CHATTANOOGA	K4CMY	145.130 -		☺
CHATTANOOGA	W4AM	145.290 -	T118.8	☺
CHATTANOOGA	W4AM	145.390 -		☺
CHATTANOOGA	W4AM	146.610 -		☺
CHATTANOOGA	W4AM	146.790 -		☺
CLARKSVILLE	WD4SGA	147.000 +		
#CLARKSVILLE	KF4L	147.390 +	UNCOR	
CLEVELAND	W4GZX	146.925 -		
CLEVELAND	KD4NEC	147.105 +	PROP	
CLEVELAND	WD4DES	147.180 +	T118.8	☺
COLLEGEDALE	KA6UHV	147.000 +		☺
COLUMBIA	W4GGM	147.120 +		☺
COOKEVILLE	NQ4Y	145.110 -		☺
COOKEVILLE	WA4UCE	145.430 -		
COOKEVILLE	N4WS	147.210 +		☺
CORNERSVILLE	KF4TNP	146.625 -	PROP	
CROSS PLAINS	K4BBN	147.345 +		☺
CROSSVILLE	W4EYJ	146.805 -		
CROSSVILLE	KF4DPU	146.865 -		
CROSSVILLE	KF4HNV	146.895 -	PROP	
CUMBERLAND CITY	WD4DBJ	145.330 -		☺
CUMBERLAND CITY	WA4TLZ	146.925 -	T127.3	
DANDRIDGE	WD4EGD	146.895 -	T	
DAYTON	K4PHT	147.345 +		
DAYTON/RHEA CTY	K4DPD	147.390 +		
DICKSON	KN4HL	147.375 +		☺
DOVER	N4VIH	145.410 -		☺
DRESDEN	KE4OVN	145.350 -	T107.2	
DYERSBURG	WB4RCK	146.745 -		
ELIZTON/HOLS MT	KF4ZQA	145.290 -		☺
ERWIN/PINNACLE	N4WXS	145.250 -	T	
EVA	AD4QG	147.090 +		
FAYETTEVILLE	W4BV	147.030 +		☺
FRANKLIN	W4XS	145.150 -		
FRUITLAND	KF4SCT	146.775 -	T107.2	☺
GALLATIN	N4SSB	145.130 -	T107.2	
GALLATIN	W4LKZ	147.240 +	T114.8	
GALLATIN	WA4YQC	147.270 +	T114.8	
GALLATIN	W4CAT	147.300 +	T114.8	
GERMANTOWN	W2GLJ	145.210 -		☺
GRAY	WM4T	145.110 -		
GREENBRIER	WQ4E	147.075 +	T107.2	☺
GREENEVILLE	W4WC	145.390 -		☺
GREENEVILLE	WB4NKM	145.410 -	173.8	
GRNVL/VIKING MT	KB4UG	147.060 +		
GTLBG/COVE MTN	WA4KJH	146.850 -	T127.3	
HARRIMAN	KA4QYI	146.640 -	T100.0	☺
HARRIMAN	KC4WHL	146.745 -		☺
HENDERSON	K4TC	147.105 +	T	☺
HENDERSONVILLE	WB4WZK	145.270 -	T	☺
HUNTINGDON	KB4YTM	146.835 -		
JACKSON	KD4GCT	145.110 -		
JACKSON	KF4SC	145.310 -		☺
JACKSON	WF4Q	147.210 +	T107.2	☺
JACKSON	WB0TMC	147.270 +		
JAMESTOWN	K4NLP	147.090 +	T100.0	☺
JASPER	KD4XV	145.190 -	T127.3	☺
JOHNSON CITY	W4ABR	146.790 -		☺
JOHNSON CITY	KE4FH	147.270 +		
JONESBOROUGH	WD4OBW	146.925 -		☺
KNGSPT/BAYS MT	W4TRC	146.970 -		
KNOXVILLE	WB4GBI	145.170 -		☺
KNOXVILLE	WA4TEM	145.330 -		☺
KNOXVILLE	KB4KIE	145.370 -		
KNOXVILLE	WB4YLC	145.430 -		☺
KNOXVILLE	WB4GBI	145.470 -		☺
KNOXVILLE	WB4GBI	146.625 -	T100.0	☺
KNOXVILLE	WB4GBI	146.940 -		☺
KNOXVILLE	WB4GBI	147.075 +		☺
KNOXVILLE	KD4CWB	147.195 +	PROP	
KNOXVILLE/RACK	W4BBB	145.210 -	T100.0	☺
KNOXVILLE/RACK	W4BBB	147.300 +	T100.0	☺
KNXVL/ENG MT	WB4IOB	146.730 -		☺
LAFAYETTE	KC4ECD	145.310 -	T151.4	☺
LAFOLLETTE	K4BGW	146.670 -		☺
LAVERNE	W4CAT	145.230 -		
LAWRENCEBURG	W4RDM	146.655 -	T	☺
LEBANON	W4LYR	147.105 +	T100.0	☺
#LEWISBURG	WB4VXX	146.805 -	UNCOR	
LIVINGSTON	N2UP	147.045 +		☺
MANCHESTER	W4UOT	146.700 -	T114.8	☺
MARTIN	N4ABU	146.625 -		
MARYVILLE/ALCOA	W4OLB	146.655 -		☺
MAYNARDVILLE	KB4KIE	145.230 -		
MCMINVL/SHT MT	WB4LHO	145.490 -		
MCNAIRY	KF4SCT	147.075 +	T107.2	☺
MEDINA	WA4RWK	146.970 -		
MEMPHIS	KF4SCT	145.130 -	T107.2	☺
MEMPHIS	K0JXI	145.150 -		
MEMPHIS	K5FE	145.410 -	T107.2	
MEMPHIS	WA4KOG	145.450 -		
MEMPHIS	WB4KQQ	146.640 -		
MEMPHIS	KE4LFZ	146.730 -	T107.2	
MEMPHIS	W4KIB	146.790 -	T107.2	☺
MEMPHIS	W4BS	146.820 -	T	
MEMPHIS	WA4KOG	146.850 -		
MEMPHIS	WA4KOG	146.880 -		
MEMPHIS	N4BSM	146.940 -	T107.2	

SYMBOLS: ☺ = Full Member SERA T=Tone Accessed (plus tone freq)
# and/or UNCOR = Uncoordinated PROP = Proposed Rptr. Under Const.

SERA REPEATER LISTINGS - BY STATE - BY CITY . . . continue

TENNESSEE REPEATERS CONTINUE

MEMPHIS	W4ZJM	147.000 -	T*#	
MEMPHIS	W4EM	147.030 +		☺
MEMPHIS	WA4MQQ	147.060 +		
MEMPHIS	W4GMM	147.090 +	T107.2	☺
MEMPHIS	WA4KOG	147.180 +		
MEMPHIS	WA4ADT	147.300 +	107.2	
MEMPHIS	W4BS	147.360 +	T107.2	
MONTEAGLE MTN	NQ4Y	145.410 -	T114.8	☺
MORGAN COUNTY	WD4ORB	147.330 +	T82.5	
MORRISTOWN	KQ4E	145.450 -		
MORRISTOWN	KQ4E	147.030 +		
#MORRISTOWN	KQ4E	147.390 +	UNCOR	
MOUNTAIN CITY	KF4RBR	145.470 -	103.5	☺
#MT PLEASANT	KF4GHD	145.450 -	UNCOR	☺
MURFREESBORO	WB4LHO	145.170 -		
NASHVILLE	N4ARK	52.525 +		☺
NASHVILLE	N4ARK	145.210 -		☺
NASHVILLE	WR3S	145.370 -		☺
NASHVILLE	N4ARK	145.470 -		☺
NASHVILLE	WA4PCD	146.610 -	T	☺
NASHVILLE	WA4PCD	146.760 -	T114.8	☺
NASHVILLE	W4SQE	146.790 -	T	☺
NASHVILLE	W4AY	146.850 -	T114.8	☺
NASHVILLE	WA4PCD	146.880 -	T	☺
#NASHVILLE	NT4L	146.955 -	UNCOR	
NASHVILLE	KC4PRD	146.985 -		☺
NASHVILLE	AF4TZ	147.015 +	T	☺
NASHVILLE	K4ZGA	147.180 +	T114.8	
NASHVILLE	AF4TZ	147.360 +	T	☺
NASHVILLE W	AF4TZ	146.640 -	T114.8	☺
NASHVILLE W	AF4TZ	146.670 -	T114.8	☺
NASHVILLE WEST	WA4PCD	147.150 +	T114.8	☺
NASHVL/FAIRVIEW	N4ARK	145.110 -	151.4	☺
NOLENSVILLE	WD4JYD	145.350 -	114.8	☺
OAK RIDGE	W4SKH	146.880 -		☺
OAK RIDGE	W4SKH	146.970 -		☺
OAK RIDGE	K4EAJ	147.120 +	T82.5	☺
OAK RIDGE	K4EAJ	147.150 +	T82.5	☺
OAKFIELD	WA4BJY	147.390 +	T	
PARIS	K4KLX	147.360 +		
PETROS/FRZ HD MT	KJ4SI	147.255 +		☺
PIGEON FORGE	KD4CLA	145.270 -	T100.0	
PIKEVILLE	KF4JPT	147.285 +		☺
PULASKI/MUSIC MT	W4JVO	146.775 -		
PURYEAR	WA4CEX	147.165 +		
RAMER	WB4MMI	146.700 -	T107.2	☺
RCKWD/MT ROSVLT	AA4KS	147.015 +		☺
RIDGETOP	K4DXC	145.290 -	114.8	☺
RIPLEY	KE4NTL	145.230 -	T100.0	☺
ROGERSVILLE	KD4HZN	147.315 +	T114.8	
SALTILLO	KB4JUB	146.715 -		
SARDIS	AF4OQ	147.195 +		
SAVANNAH	KF4SCT	146.910 -	107.2	☺
SELMER	WB4MMI	146.805 -	T107.2	☺
SPARTA	N4ARK	147.315 +	T123.0	☺
SPARTA/WHITE	KR4BT	147.165 +	T123.0	☺
TELLICO PLAINS	AJ4D	147.315 +	T141.3	
TRENTON	KN4KP	146.865 -		
UNION CITY	WA4YGM	146.700 -		
UNION CITY	KF5SCT	147.015 +	T107.2	☺
WALLAND	KF4ARH	146.685 -	T88.5	
WATERTOWN	KD4EHL	146.730 -	T100.0	☺
WATERTOWN	W4LYR	146.835 -	T100.0	☺
WAVERLY	NO4Q	147.225 +	T	☺
WINCHESTER	AB4SW	146.820 -		☺

220 MHZ

BLOUNTVILLE	W4CBX	224.200 -		☺
BROWNSVILLE	KB4YTU	224.200 -		
CHATTANOOGA	K4VCM	224.780 -		☺
COLLIERVILLE	KB4YGI	224.400 -		
ERWIN	KB8FPK	224.180 -	88.5	
GALLATIN	W4CAT	223.980 -		
GALLATIN	KD4VUW	224.700 -		
GATLINBURG	W4UWH	224.620 -		☺
GRAY	WM4T	224.900 -		
GREENBRIAR	WQ4E	224.800 -		☺
GREENBRIER	WQ4E	224.760 -		☺
GREENEVILLE	WB4NKM	224.940 -		
HERMITAGE	WB4SJV	223.900 -		
JC/BUFFALO MT	KE4FH	224.780 -		
KNOXVILLE	WB4GBI	224.340 -	PROP	☺
KNOXVILLE	N4OQJ	224.380 -	100.0	
KNOXVILLE	N4KFI	224.580 -	T103.5	
KNOXVILLE	K4PCK	224.760 -		☺
KNOXVILLE/RACK	W4BBB	224.500 -	T100.0	☺
KNXVL/CROSS MT	KB4FZK	224.220 -	T100.0	
LAVERGNE	WR3S	224.360 -		☺
MEMPHIS	W4ZJM	223.940 -	T*#	
MEMPHIS	W4BS	224.420 -		
MEMPHIS	WA4KOG	224.780 -		
MORRISTOWN	KC4RGQ	224.640 -		
NASHVILLE	WR3S	224.160 -		
#NASHVILLE	KC4TFQ	224.440 -	UNCOR	
NASHVILLE	K4ZGA	224.480 -		
NASHVILLE	WR3S	224.660 -		
NASHVILLE	N4PYI	224.740 -	T100.0	☺
NASHVILLE	KC4PRD	224.840 -		
NASHVILLE	WA4PCD	224.940 -	T	☺
NEWPORT	AC4JF	224.560 -	T100.0	☺
ONEIDA	KB4PNG	224.140 -		
ROGERSVILLE	KD4HZN	224.480 -	PROP	
SEVIERVILLE	KD4IBW	224.700 -	T100.0	
SEVIERVILLE	KD4IBW	224.800 -		
SHORT MTN.	N4PYI	224.260 -	T114.8	☺
SIGNAL MT	W4LOC	224.920 -	PROP	
SMITHVILLE	WR3S	223.960 -		☺
SPRINGFIELD	N8ITF	224.400 -	PROP	
SPRINGFIELD	N8ITF	224.540 -	107.2	
SWEETWATER	WD9JGI	224.900 -	T	

440 MHZ

ALAMO	WB4EDS	443.750 +		
ARNOLD A.F.B.	KC4FV	443.950 +		☺
BARTLETT	K4VVM	443.700 +	T107.2	
BARTLETT	WA4PAJ	444.250 +		
BETHPAGE	KD4YUX	442.200 +	T107.2	
BIG SANDY	W4TLB	443.600 +	114.8	☺
BROWNSVILLE	KB4YTU	444.200 +		
BROWNSVILLE	KB4YTU	444.450 +		
BRSTL/HOLSTN MT	K4JP	444.500 +		
CHAT/MNTLAKE MT	KD4UWA	444.875 +	T156.7	
CHAT/WALDEN	AF4ZJ	442.425 +		
CHATT/HIXSON	N4WT	442.900 +		☺
CHATTANOOGA	WJ9J	442.150 +		☺
CHATTANOOGA	KT4OL	443.125 +	PROP	
CHATTANOOGA	KT4OL	443.125 +	PROP	
CHATTANOOGA	WB4LRD	443.550 +		
CHATTANOOGA	KD4HII	443.900 +	T	
CHATTANOOGA	W4AM	444.100 +		☺
CHATTANOOGA	KD4HII	444.200 +	T	
CLARKSVILLE	WA4BZU	444.325 +	T107.2	
CLARKSVILLE	KF4GP	444.950 +	T167.9	
CLEVELAND	WD4DES	442.250 +	T118.8	☺
CLEVELAND	W4GZX	444.275 +		
COLLEGEDALE	KA6UHV	443.575 +		☺
COLLIERVILLE	KA7UEC	443.300 +	107.2	☺
COLLIERVILLE	KA7UEC	443.625 +	T107.2	☺
COLUMBIA	W4RDM	442.725 +		☺
COLUMBIA	WA4AKM	444.925 +	T107.2	
COOKEVILLE	WA4UCE	442.300 +	107.2	
COOKEVILLE	NQ4Y	444.550 +	T107.2	☺
CROSSVILLE	W4EYJ	444.950 +	T107.2	
CUMBERLAND CITY	WD4DBJ	443.400 +		☺
DAYTON	KJ4BJ	442.075 +		☺
DEASON	WA4AWI	443.350 +	T107.2	☺
DOVER	N4VIH	444.925 +		☺
DRESDEN	KA4BNI	442.150 +		☺
DRESDEN	KE4OVN	443.850 +	107.2	
ETOWAH	KF4CFO	442.275 +	141.3	☺
EVA	AD4QG	443.625 +		
FRANKLIN	WA4AKM	444.725 +	T107.2	
GALLATIN	WD4BKY	444.000 +	T107.2	
GALLATIN	WD4BKY	444.350 +	T114.8	
GALLATIN	W4CAT	444.450 +	T107.2	
GALLATIN	WA4AKM	444.775 +	T107.2	
GATLBG/COVE MT	WA4KJH	443.300 +	T127.3	
GEORGETOWN	WD4OAR	442.925 +	107.2	
GERMANTOWN	W2GLJ	444.175 +		☺
GOODLETTSVILLE	KC4PRD	443.125 +	107.2	
GRAY	WM4T	442.200 +	T100.0	
GREENBRIER	WQ4E	444.250 +		☺
GREENEVILLE	WB4NKM	444.650 +	T100.0	
GREENEVILLE	K4GX	444.950 +	PROP	
GRNVLE/VIKING MT	W4WC	443.200 +	100.0	
HARRIMAN	KC4WHL	442.875 +	T136.5	☺
HARRIMAN	KC4WHL	444.025 +		☺
HENDERSON	KE4PFW	442.275 +		
HENDERSON	K4TC	444.750 +	T	☺
HICKORY VALLEY	KA4JXT	443.125 +	107.2	☺
HUNTINGDON	KB4YTM	444.375 +		
JACKSON	KE4CES	442.900 +	T114.8	☺
JACKSON	WB0TMC	444.725 +	T107.2	
JAMESTOWN	KC4MJN	443.625 +	T100.0	
JASPER	KD4XV	442.050 +	T127.3	☺
JEFFERSON CITY	KD4TUD	444.625 +	T	
JOHNSON CITY	KE4FH	444.100 +		
JOHNSON CITY/BUF.	WD4ATV	421.250 +		☺
JOHNSON CITY/HOL	WB4SQC	442.050 +	T100.0	
KNOX/ENGLSH MT	WB4HAP	444.600 +		☺
KNOXVILLE	WB4HAP	442.500 +	T103.5	☺
KNOXVILLE	N4UAG	443.025 +		
KNOXVILLE	KA4AZQ	443.075 +	PROP	
KNOXVILLE	KD4CWB	443.500 +	T	
KNOXVILLE	KD4OBX	443.950 +		
KNOXVILLE	WB4GBI	444.300 +		☺
KNOXVILLE	KB4KSL	444.325 +		
KNOXVILLE	KD4IBW	444.525 +	T100.0	
KNOXVILLE	KD4TZD	444.925 +		☺
KNOXVILLE/RACK	W4BBB	444.575 +	T100.0	☺
LAFAYETTE	KC4ECD	444.125 +	T107.2	☺
LAFOLLETTE	KB4OTK	443.700 +		
LAKE CITY	WD4LUR	442.800 +	T100.0	☺
LAVERGNE	WR3S	443.975 +	T	
LEBANON	WA4AWI	443.275 +	T107.2	☺
LEBANON	W4LYR	443.575 +	T100.0	☺
LEBANON	WA4AXH	444.275 +	T	
LEWISBURG	KF4TNP	442.100 +	PROP	
LEWISBURG	KF4TNP	444.075 +	PROP	
LORETTO	KF4OCK	442.875 +	203.5	
MARYVILLE	KF4BTL	442.000 +		
MARYVILLE	KC4PDQ	444.075 +	100.0	☺
MCEWEN	KE4KNZ	443.925 +	T	
MCKENZIE	KD4KPV	443.875 +		
MCNAIRY	KF4SCT	444.550 +	T107.2	☺
MEDINA	WA4BJY	442.050 +		
MEMPHIS	W4GMM	442.175 +	T107.2	☺
MEMPHIS	WB4EPG	442.625 +		
MEMPHIS	WF4G	442.825 +		
MEMPHIS	W4ZJM	443.000 +	T*#	
MEMPHIS	KA4JXT	443.100 +	T107.2	☺
MEMPHIS	KA4JXT	443.125 +	T	☺
MEMPHIS	W4BS	443.200 +	T107.2	
MEMPHIS	WA4QWW	443.400 +		
MEMPHIS	N4ER	443.950 +	T	☺
MEMPHIS	K4RDK	444.025 +		
MEMPHIS	KF4ATY	444.075 +	107.2	☺
MEMPHIS	KA4JXT	444.100 +	T	☺
MEMPHIS	KA4JXT	444.125 +	T	☺
MEMPHIS	WA4KOG	444.400 +		
MEMPHIS	K0JXI	444.800 +		
MEMPHIS	K5FE	444.825 +	107.2	
MEMPHIS	K7AG	444.850 +	T107.2	
MEMPHIS	WB4NNE	444.950 +		
MILAN	WD4PAX	442.100 +		☺
MONTEAGLE MTN	NQ4Y	441.250 +		☺
MORRISTOWN	KQ4E	444.975 +	T	
MOUNTAIN CITY	KF4RBR	443.925 +	T103.5	☺
MT JULIET	N4PYI	444.400 +	T	☺
MT JULIET	N4PYI	444.750 +	T156.7	☺
MT PLEASANT	KF4TNP	443.175 +	PROP	
NASHVILLE	AF4TZ	421.250 +		☺
#NASHVILLE	WB4PUB	443.050 +	UNCOR	
NASHVILLE	KB5YJC	443.725 +	107.2	☺
NASHVILLE	N4PYI	444.050 +	T107.2	☺
NASHVILLE	AF4TZ	444.150 +	T107.2	☺
NASHVILLE	N4ARK	444.200 +	T	☺
NASHVILLE	N4ARK	444.225 +	T114.8	☺
NASHVILLE	WA4BZU	444.300 +	T107.2	
NASHVILLE	WA4BGK	444.525 +	T107.2	
#NASHVILLE	WA4PCD	444.550 +	UNCOR	☺
NASHVILLE	WA4WCK	444.575 +	T	
NASHVILLE	WA4TOA	444.625 +	T107.2	☺
NASHVILLE	WA4PCD	444.675 +	T	☺
NASHVILLE	N4PYI	444.800 +	T110.9	☺
NASHVILLE	WA4AKM	444.875 +	T107.2	
NASHVILLE	WA4AKM	444.975 +	T107.2	
NOLENSVILLE	WA4AXH	443.650 +	T	
OAK RIDGE	K4EAJ	444.400 +	T82.5	☺
OAKFIELD	WA4BJY	442.200 +	T	
PARIS	AD4LR	443.675 +		
PIGEON FORGE	KD4CLA	444.350 +	T156.7	☺
RAMER	WB4MMI	444.900 +	T	☺
RCKWOOD/OZONE	WJ9J	442.225 +		☺
ROCKWOOD	KA4WJS	443.975 +		
ROGERSVILLE	K4GX	443.350 +	T	
SEVIERVILLE	KD4IBW	443.675 +	T100.0	
SEVIERVILLE	N4CKB	444.725 +	T123.0	☺
SHELBYVILLE	KC4KRM	443.825 +		
SHRT MT/MURFREB	W4CAT	444.650 +	T107.2	
SIGNAL MT.	KE4LQY	444.150 +	PROP	☺
SMITHVILLE	N4PYI	444.825 +	T107.2	☺
SODDY DAISY	WJ9J	444.450 +		☺
SPARTA	KR4BT	444.375 +	123.0	☺
SPENCER	KA4MHJ	443.775 +	123.0	☺
SPRINGFIELD	N8ITF	442.600 +	107.2	
SUMMITVILLE	N4ZKR	444.475 +	T107.2	☺
WATERTOWN	W4LYR	444.900 +	T100.0	☺
WAVERLY	NO4Q	442.225 +	110.9	☺
WHITE HOUSE	W4KOC	443.900 +	T107.2	☺

920 MHZ

MORRISTOWN	KQ4E	920.800 -		
NASHVILLE	K4ZGA	923.250 -		

1270 MHZ

MEMPHIS	N4HKS	1292.000 -		
NASHVILLE	WA4AKM	1284.400 -		
SMITHVILLE	WA4AKM	1286.500 -		

VIRGINIA

10 METERS

FANCY GAP	KE4QOX	29.660 -	T123.0	☺
NEWPORT NEWS	W4CM	29.600 +		
STERLINGPARK	KD4DN	29.680 -		

6 METERS

AMELIA	WB3R	53.390 -		
AMELIA COURTHSE	KB4YKV	53.110 -		
BEDFRD/THAX MT	N4CH	53.150 -		☺
CHESTERFIELD	KD4SUU	53.430 -		
DANVILLE(DCC)	WB4GJG	53.130 -	T	
FANCY GAP	WA4CQK	53.290 -	T100.0	☺
GATE CITY	N4WWB	53.210 -		
GUM SPRING	KB4MIC	53.070 -	203.5	☺
HAMPTON	WA4OHX	53.890 -		

SERA REPEATER LISTINGS - BY STATE - BY CITY . . . continue

VIRGINIA REPEATERS CONTINUE

LEXNGTN/ROCK MT.	KI4ZR	53.010 -		☺
LYNCHBURG	KE4KEH	53.570 -	103.5	
NEWPORT NEWS	KT4QW	53.250 -	T	☺
PEARISBURG	KE4JYN	53.470 -	T107.2	☺
RICE	KE4SFU	53.170 -		
ROANOKE	N4CH	53.250 -		☺
ROANOKE/POOR MT	WB8BON	53.090 -		☺
ROCKY MT/FERRUM	WD4KZK	53.270 -	T107.2	☺
TYSONSCORNER	KM4OI	53.370 -		
VESTA	N4GBO	53.430 -	PROP	
WHITE TOP MTN	KB4YFV	53.650 -		

2 METERS

ABINGDN/BRMLY MT	K4JP	146.610 -		
ABINGDON	NM4L	147.345 +	T103.5	☺
ACCOMAC	K4BW	147.255 +	T156.7	☺
ALEXANDRIA	K4US	146.655 -		
ALEXANDRIA	W4HFH	147.315 +		
ALTAVISTA	WA4ISI	146.655 -		☺
AMELIA	WB3R	145.190 -		
AMELIA COURTHSE	KB4YKV	147.180 +		
AMHERST	K4CQ	145.490 -	PROP	☺
ARLINGTON	KF4JPC	146.625 -		
BEDFORD	N4CH	145.230 -		☺
BEDFORD	WB4JBJ	147.105 +		
BEDFRD/APL ORCH	WA1ZMS	146.685 -	T100.0	☺
BLACKSBURG	W9KIC	146.715 -		☺
BLAND	N4AZJ	145.350 -	T103.5	☺
BLUEFIELD	KD8XK	145.250 -	T100.0	
BLUEFIELD	W8MOP	145.490 -		☺
BLUEFIELD/ONEIDA	WZ8E	146.955 -	100.0	
BLUEMONT	WA4TSC	147.300 +		
BLUEMONT	WA4TSC	147.300 +		
BOYDTON	KD4ZTK	147.240 +		
CHARLOTTESVILLE	WA4TFZ	146.760 -	T151.4	☺
CHARLOTTESVILLE	N4RAG	146.895 -	T131.8	
CHARLOTTESVILLE	WA4TFZ	146.925 -		☺
CHESAPEAKE	WA4YSE	146.610 -		
CHESAPEAKE	N4SD	146.790 -		
CHESAPEAKE	W4CAR	146.820 -	PROP	
CHESTERFIELD	KD4KWP	145.310 -	127.3	☺
CHESTERFIELD	KA4CBB	147.360 +		☺
#CLINCHCO	KK4MW	146.985 -	UNCOR	
CLINCHCO	KB4RFN	147.150 +	T88.5	
#CLINCHCO	WD4CYZ	147.255 +	UNCOR	
COEBURN	AD4OV	145.430 -	103.5	☺
COVINGTON	WA4HTI	146.805 -		☺
CULPEPPER	AF4CY	145.410 -		
DANVILE/WHT OAK	K4AU	146.700 -	107.2	☺
DANVILLE(DCC)	WB4GJG	146.925 -	T107.2	
DUBLIN	K4HZS	146.670 -		
DULLESAIRPORT	N4FSC	145.310 -		
EASTVILLE	N4WAO	147.345 +	T156.7	☺
ELK CRK/IRON MTN	N4MGQ	147.240 +	T107.2	☺
ENON	WB4VWR	147.060 +	T107.2	
#FANCY GAP	WA4CQK	145.110 -	UNCOR	☺
FARMVILLE	KE4ZBH	145.330 -		☺
FARMVILLE	KE4ZBH	146.910 -		☺
FARMVILLE	N4CFA	146.955 -	T136.5	☺
FINCASTLE	W4WIC	146.640 -		☺
FOREST	AG4AN	146.775 -	PROP	
FRANKLIN	KD4ITB	147.300 +	T131.8	☺
FREDERICKSBUR	WB4LNT	147.015 +		
GALAX/BRIRP MT	W4BRC	147.090 +		☺
GALAX/LKOUT MT	N4VL	145.130 -	T103.5	☺
GARRISONVILLE	N4NW	145.270 -		
GATE CITY	N4WWB	146.820 -	T	
GLOUCESTER	W4HZL	145.370 -	T	☺
GOOCHLAND	N4TZE	147.090 +		☺
GREENBAY	K4ARO	145.150 -		
GRUNDY	K4HWQ	147.315 +		
GRUNDY/BIG A MT	KK4EH	146.835 -		☺
GUM SPRING	WB4IKL	147.270 +		☺
HAMPTON	WA4OHX	145.490 -		
HAMPTON	W4QR	146.730 -		☺
HAMPTON	K4UMI	146.940 -	T	
HAMPTON	KA4VXR	147.225 +	T136.5	
HARRISONBURG	N4YET	145.130 -		
HARRISONBURG	N4RAG	146.895 -		
HARRISONBURG	N4YET	147.315 +		
JARRATT	K4SVA	146.625 -	PROP	
LEXINGTON	KI4ZR	147.300 +	131.8	☺
LEXNGTN/ROCK MT.	KI4ZR	147.330 +		☺
LYNCHBURG	KC4RBA	145.370 -	186.2	☺
LYNCHBURG	W4WWQ	146.610 -	136.5	☺
LYNCHBURG	AB4M	147.015 -	T131.8	☺
LYNCHBURG	WA4RTS	147.195 +	T136.5	☺
MANASSAS	W4OVH	146.970 -		
MARION	N4QLF	146.640 -	T103.5	
MARTINSVILLE	KF4KVG	147.285 +	T107.2	☺
MECHANICSVILLE	W4ML	146.805 -	PROP	
MONTEREY	WD4ITN	147.180 +	T100.0	☺
MONTPELIER	KQ4RH	145.250 -	T	☺
MOUNTAIN LAKE	WZ8E	146.865 +	110.9	
MT.LAKE/BALD KNB	K4TUE	146.910 -	107.2	
NEWPORT NEWS	W4MT	145.230 -	T100.0	☺
NEWPORT NEWS	W4CM	147.165 +		
NORFOLK	W4VB	145.330 -		☺
NORFOLK	KF8PT	146.700 -	PROP	
NORFOLK	AD4ZK	147.075 +		☺
NORTON	KC4UBU	146.865 -	T103.5	☺
NORTON/HIGH KNB	K4AXO	147.015 -	T88.5	
PATRICK SPRINGS	WB8POC	147.120 +	T107.2	
PEARISBURG	N4AZJ	147.135 +	T100.0	☺
PEARISBURG	W4NRV	147.375 +	T100.0	☺
PENNINGTON GAP	AF4FB	146.700 -	103.5	
PETERSBURG	KE4SCS	146.985 -	PROP	
PETERSBURG	K4ARO	147.390 +		
PKS KB/PULASKI	WB3S	147.180 +	T103.5	☺
PORTSMOUTH	W4POX	146.850 -		☺
QUANTICO	#W4NFR	147.345 +		
RADFORD/RINER	KA4IXK	145.150 -		☺
RICHMOND	K4YPE	145.110 -		☺
RICHMOND	W4SQT	145.430 -		☺
RICHMOND	WB4QEY	146.640 -		
RICHMOND	W4RAT	146.880 -		
RICHMOND	W4ZA	146.940 -		☺
RICHMOND	WA4JST	147.030 -		
RICHMOND	KC4VDZ	147.135 +	T107.2	
ROANOKE	N4AP	146.940 -		
ROANOKE/POOR MT	K4ARO	145.390 -	T107.2	
ROANOKE/POOR MT	K4ROA	146.745 -	T107.2	☺
ROANOKE/POOR MT	W4CA	146.985 -		
ROANOKE/POOR MT	KB4QWO	147.270 +		
ROANOKE/POOR MT.	N2EDE	145.210 -		☺
RUSTBURG	N4UTN	145.290 -	T	☺
RUSTBURG/LONG MT	N4UTN	146.835 -	T173.8	☺
SALEM	WA4V	146.880 -		
SALUDA	AA4HQ	145.450 -		
SMITHFIELD	WT4RA	147.195 +	T100.0	☺
SOUTH BOSTON	KF4LWH	145.350 -		
SOUTH BOSTON	KF4AGO	147.060 -		
SOUTH HILL	N4ZCM	145.470 -		
SPOTSYLVANIA	K4MQF	146.775 -		
STAUNTON	KD4KAU	145.450 -	PROP	
STAUNTON	KD4WWF	146.700 -	T131.8	
STAUNTON	WA4ZBP	146.850 -	T131.8	
STAUNTON	W4WRN	146.970 -		
STAUNTON/EL.KB	KE4CKJ	147.045 +	T131.8	
STERLING	WA4TXE	146.715 -		
STUARTS DRAFT	KB4OLM	147.360 +		☺
SUFFOLK	W4LG	147.000 -	T100.0	☺
TYSONSCORNER	KR4MU	146.910 -		
VIRGINIA BEACH	WA4KXV	146.895 -		☺
VIRGINIA BEACH	WA4KXV	146.970 -		☺
VIRGINIA BEACH	WA4SBC	147.045 +		
WARRENTON	KB3BOI	145.350 -		
WARRENTON	NZ4N	147.165 +		
WARSAW	KA4ZIP	147.285 +		☺
WAYNESBORO	W4PNT	147.075 +		☺
WILLIAMSBURG	KF4ADM	145.410 -	127.3	
WILLIAMSBURG	K4RC	146.670 -	T	
WILLIAMSBURG	KB4ZIN	146.760 -		☺
WILLIAMSBURG	KB4ZIN	147.105 +		☺
WINCHESTER	N4RAG	145.210 -		
WINCHESTER	W4RKC	146.820 -		
WINCHESTER	W4RKC	146.820 -		☺
WYTHE/WALKR TOP	WB3T	146.895 -	T103.5	☺
WYTHEVILLE	WB3T	146.775 -	T107.2	

220 MHZ

ARLINGTON	WB4MJF	224.060 -		
ARLINGTON	WB4MWF	224.620 -		
BEDFORD	N4PLV	224.840 -		
BEDFRD/APL ORCH	WA1ZMS	224.180 -	T100.0	☺
BLUEFIELD	WA8O	224.920 -		☺
BUCK'S ELBOW	N4RAG	224.320 -	T131.8	
CHARLOTTESVILLE	N4HRV	224.140 -	T88.5	☺
CHARLOTTESVILLE	WA4TFZ	224.760 -		☺
DELTAVILLE	AA4HQ	224.900 -		
FANCY GAP	K4DQ	224.880 -	T100.0	
GLOUCESTER	W4GSF	224.620 -		☺
HAMPDEN-SYDNEY	W4JAS	224.200 -		
HAMPTON	WB4PVT	224.540 -	T100.0	☺
HARRISONBURG	N4YET	224.820 -		
HAYMARKET	WD4KHP	224.420 -		
LAKE GASTON	W4LG	224.600 -		☺
LOVETTSVILLE	WB4FUJ	224.460 -		
LYNCHBURG	AB4M	224.280 -		☺
MANASSAS	W4OVH	224.660 -		
MARTINSVILLE	K4RCA	224.500 -		
NORFOLK	KC4JGC	224.740 -	T100.0	
NORTON/HIGH KNB	WD4GSM	224.420 -		
PATRICK SPRINGS	WB8POC	224.420 -	T103.5	
PEARISBURG	KQ4Q	224.860 -	103.5	
PETERSBURG	K4ARO	224.700 -		
RESTON	WD4KHP	224.720 -		
RIDGEWAY	WS4W	224.380 -	T	
ROA/CAHAS MT	AB4EM	224.940 -		☺
ROANOKE	N4CH	224.100 -		☺
ROANOKE/TINKER	K4YDG	224.900 -		☺
STAUNTON/EL KNOB	KE4CKJ	224.300 -	T131.8	
STUART	WB4GUG	224.200 -	T107.2	☺
TYSONSCORNER	WD4KHP	224.420 -		
WAYNESBORO	KA4RCL	224.680 -	T131.8	

440 MHZ

ABINGDON	KB8KSP	442.975 +	T100.0	
ACCOMACK	K4BW	444.300 +	T156.7	☺
ALEXANDRIA	WA9GVK	911.250 -		
ALEXANDRIA	WA9GVK	915.750 -		
ALEXANDRIA	W4HFH	147.315 +		
ALTAVISTA	WA4ISI	444.425 +		☺
AMELIA	KB4YKV	443.200 +		
ARLINGTON	KD4DSX	448.625 -		
ARLINGTON	WB4MJF	444.150 +		
BASSETT	KF4RMT	443.825 +	107.2	
BEDFORD	N4CH	444.350 +		☺
BEDFRD/APL ORCH	WA1ZMS	442.650 +	T100.0	☺
BEDFRD/APL ORCH	WA1ZMS	443.800 +	T100.0	☺
BIG A MTN	KB4WTP	444.875 +		☺
BLUEFIELD	W8MOP	444.450 +		☺
BLUEFIELD	WZ8E	444.625 +		
BLUEFIELD/ONEIDA	WB3T	443.325 +	T103.5	☺
BLUEMONT	WA4TSC	449.925 -		
CHARLOTTESVILLE	KF4UCI	442.075 +	T151.4	☺
CHARLOTTESVILLE	WA4TFZ	444.250 +	T151.5	☺
#CHARLOTTEVILLE	KF4UCI	444.775 +	UNCOR	☺
CHESTERFIELD	WA3KOK	433.075 +	PROP	
CHESTERFIELD	KD4SUU	442.150 +		
CHESTERFIELD	WA3KOK	442.450 +	PROP	
COPPER RIDGE	KB4WTP	444.550 +	PROP	☺
COVINGTON	WA4HTI	442.250 +		☺
DALECITY	N8BOR	443.100 +		
DANVILE/WHT OAK	K4AU	444.700 +		☺
DANVILLE	KQ4I	443.850 +		☺
ENON	WB4VWR	444.200 +		
ENON	W4RDF	444.275 +	T114.8	☺
FAIRFAX	K4HTA	448.375 -		
FALLSCHURCH	KF4LWJ	444.300 +		
FANCY GAP	WD4ICX	444.175 +	T107.2	☺
FANCY GAP	N4OWU	444.375 +	T107.2	☺
FANCY GAP	N4XRY	444.900 +		
FOREST	AG4AN	442.475 +	PROP	
FOREST	W8CXD	443.600 +	T136.5	☺
FOREST	WD4KQI	444.750 +		☺
FRONTROYAL	N4MKH	449.225 -		
GASBURG	W4LG	442.000 +		☺
GATE CITY	N4WWB	444.700 +		
GLOUCESTER	N4XND	421.250 +		
GRETNA/SMITH MT	KD4TBC	444.075 +	T123.0	
GUM SPRING	KB4MIC	442.800 +		☺
HAMPTON	K4UMI	443.650 +		
HAMPTON	WA4OHX	443.750 +	100.0	
HAMPTON	W4QR	444.550 +	T167.9	☺
HARRISONBURG	N4YET	444.600 +		
HAYMARKET	N3AUY	449.025 -		
HILLSVILLE	KB4YFV	442.125 +	T103.5	
INDEPENDENCE	KF4ZIG	443.375 +	T103.5	☺
JONESVILLE	WB4IVB	442.575 +	T100.0	
LEXINGTON	KI4ZR	444.300 +		☺
LEXNGTN/ROCK MT.	KI4ZR	444.150 +		☺
LORTON	WA3TOL	448.675 -		
LYNCHBG/JACK MT.	KF4YI	442.400 +	T107.2	
LYNCHBRG/TOB MT	K4CQ	444.500 +	T136.5	☺
LYNCHBURG	K4CQ	923.250 -		☺
LYNCHBURG	AB4FU	442.950 +	T	☺
LYNCHBURG	KC4RBA	443.450 +	186.2	☺
LYNCHBURG	W4WWQ	444.550 +	T136.5	☺
LYNCHBURG/T.ROW	N4IFC	442.200 +	T103.5	
MADISON	N8HON	444.400 +		
NEWPORT NEWS	W4MT	442.900 +	T100.0	☺
NORFOLK	AD4ZK	444.475 +	T	☺
NORFOLK	WD4MIZ	444.675 +	T107.2	
OILVILLE	KB4MIC	444.800 +		☺
PATRICK SPRINGS	WB8POC	443.175 +		
PEARISBURG	N4AZJ	444.975 +	T103.5	☺
PETERSBURG	K4ARO	442.600 +		
PETERSBURG	WB4KZI	443.825 +		
PORTSMOUTH	W4POX	443.800 +		☺
POWHATAN	KN4YM	443.100 +		☺
PULASKI	KE4CIF	442.775 +	T	
RICHMND/CHLTVL	N4EHJ	444.650 +		☺
RICHMOND	WA4AYB	441.600 +	PROP	
RICHMOND	WA4AYB	441.600 +	PROP	
RICHMOND	KC4VDZ	442.300 +	T114.8	
RICHMOND	W4RAT	442.550 +	T127.3	
RICHMOND	AB4SF	444.850 +	T	☺
ROA/POOR MT	N4FHL	439.250 -		
ROA/POOR MT	KA4IXK	442.850 +		
ROANOKE	K4ARO	442.600 +	T	
ROANOKE	W7CP	442.700 +	T	☺
ROANOKE	WB3T	444.325 +	T103.5	☺
ROANOKE/MILL MT	WD4KZK	442.750 +	T107.2	☺
ROANOKE/POOR MT	W4CA	442.500 +		
ROANOKE/READ MT	WD4KZK	444.850 +	T107.2	☺
ROANOKE/TINKER M	WB8BON	444.925 +		☺
SLINGS GAP	WD4KZK	444.775 +	T107.2	☺
SOUTH BOSTON	KF4AGO	443.925 +		
SOUTH BOSTON	KF4LWH	444.625 +		
SOUTH HILL	KD4MJO	443.525 +	100.0	☺
SPOTSYLVANIA	KD4QNA	442.700 +		
SPOTSYLVANIA	K4MQF	442.850 +		
SPRINGFIELD	WD4KHP	449.825 -		
STAFFORD	N4NW	444.450 +		
STAUNTON	WA4ZBP	444.825 +	T131.8	
STAUNTON/EL KNOB	KE4CKJ	444.100 +	T131.8	
STUART	WB4GUG	442.225 +	T107.2	☺

SYMBOLS: ☺ = Full Member SERA T=Tone Accessed (plus tone freq)
# and/or UNCOR = Uncoordinated PROP = Proposed Rptr. Under Const.

SERA REPEATER LISTINGS - BY STATE - BY CITY . . . continue!

VIRGINIA REPEATERS CONTINUE

STUARTS DRAFT	KB4OLM	444.050 +		☺
TYSONSCORNER	KR4MU	447.025 -		
TYSONSCORNER	KM4FI	443.500 +		
VIENNA	N4KOU	444.850 +		
VINTON	K4YD	443.675 +	T107.2	
VIRGINIA BEACH	WA4KXV	444.950 +		☺
WAYNESBORO	N3XA	426.250 +		
WHITETOP MTN	KM4X	443.000 +	T103.5	☺
WILLIAMSBURG	KB4ZIN	444.100 +		☺
WILLIS	W4DUM	443.875 +		
WINCHESTER	W4RKC	448.775 -	146.2	☺
WYTHE/WALKER MT	WB3T	442.000 +	T103.5	☺
WYTHEVILLE	WB3T	442.525 +	103.5	☺
YORKTOWN	N3ELM	443.550 +	T100.0	☺

920 MHZ

BEDFRD/APL ORCH	WA1ZMS	921.100 -	T100.0	☺
LYNCHBRG/TOB MT	K4CQ	921.000 -	T100.0	☺
ROANOKE/POOR MT	WD4KZK	919.500 -	107.2	☺
TYSONSCORNER	K6LEW	919.500 -		

1270 MHZ

BEDFRD/APL ORCH	WA1ZMS	1283.100 -	T100.0	☺
ROANOKE/POOR MT	N4CH	1291.020 -		☺

2.4GHz

BEDFRD/APL ORCH	WA1ZMS	2411.600 +		☺

WEST VIRGINIA

10 METERS

BECKLEY	KA8OTX	29.620 -		
BECKLEY	KE4QOX	29.680 -	T88.5	☺
CHARLESTON	WB8CQV	29.640 -	203.5	
RICHWOOD	WA8YWO	29.660 -	T100.0	

6 METERS

ALDERSON	WV8BD	53.190 -		
BECKLEY	N8FWL	53.170 -	T123.0	
BECKLEY	WB8YST	53.590 -	T107.2	☺
CHARLESTON	WB8YST	53.630 -	T107.2	☺
DANSMOUNTAIN	N8YIB	53.410 -		
FLATWOODS	N8CQQ	53.110 -	PROP	
GASSAWAY	K8WGB	53.210 -	T123.0	
LEWISBURG	KC8LRN	53.930 -	PROP	☺
MARMT/CHARLSTN	N8PEI	53.750 -	T141.3	
RICHWOOD	WB8YST	53.710 -	T107.2	☺
SHIRLEY	KB8TJH	53.310 -		
SNOWSHOE	KC8CSE	53.330 -		☺

2 METERS

AMBER RIDGE	KB8NJH	147.210 +	T107.2	☺
BECKLEY	N8FWL	147.360 +	T123.0	
BECKLEY/BOLT MT	WV8B	145.170 -	T100.0	
BECKLEY/EOC	WV8BD	145.370 -		
BECKLEY/FLAT TOP	WV8BD	146.850 -		
BECKLEY/LAYLAND	N8FCJ	145.310 -	T100.0	
BECKLY/OAK HILL	N8FWL	145.230 -	T100.0	
BERKELEYSPRIN	KK3L	146.745 -		
BIRCH RIVER	N8FMD	145.270 -	T103.5	☺
BRIDGEPORT	WB8DKM	147.120 +	T	☺
BUCKHANNON	N8FHE	145.410 -		
BUCKHANNON	N8ZAR	146.850 -		
BUCKHANNON	N8ZAR	147.060 +	123.0	
CAPONMOUNTAIN	N8YIB	147.435 -		
CHARLESTON	W8GK	145.350 -	91.5	☺
CHARLESTON	WB8IFS	146.820 -		
CHARLESTOWN	N8EIV	146.985 -		
CLARKSBURG	N8FMD	146.685 -	T103.5	☺
CLARKSBURG	N8FMD	147.210 +	T103.5	☺
DANVILLE	WB8NAM	146.685 -	T	
DAVIS	KE8MR	147.135 +	T103.5	
ELKINS	WJ8G	145.230 -	T103.5	
ELKINS	KB8BWZ	146.775 -		
FAIRMONT	W8SP	145.350 -	T103.5	
FENWICK	KD8AB	146.940 -		
FLAT TOP/WINTRPL	WV8B	146.625 -	T100.0	
FLATWOODS	N8ZPX	146.655 -	T123.0	
FRANKLIN	W3RUA	147.345 +		☺
FROST	N8RV	145.110 -	107.2	☺
GASSAWAY	WB8MZI	146.610 -		
#GASSAWAY	K8WGB	147.240 +	UNCOR	
GLENVILLE	N8OYY	145.130 -		
GLENVILLE	WB8WV	145.290 -		
GRAFTON	WD8LNB	147.375 +	118.8	☺
GRANTSVILLE	N8LGY	145.450 -	T103.5	
HARISVL/PENSBRO	WB8NSL	147.300 +		
HARPER'SFERRY	KB3BOI	145.350 -		
HARPER'SFERRY	KB3BOI	145.350 -		
HINTON	KC8CNL	147.255 +	100.0	☺
HUNTINGTON	WB8FEQ	145.210 -		
HUNTINGTON	W8VA	146.760 -		
HUNTINGTON/CHAS	WB8EZR	146.640 -		☺
IAEGER	N8SNW	146.655 -	T203.5	
KEYSER	N8RCG	147.390 +	123.0	☺
#LENORE	KF8HL	145.390 -	UNCOR	
LEWISBURG	WB8SPW	146.730 -	T100.0	
LEWISBURG	N4RAG	146.760 -	PROP	
LEWISBURG	WV8D	147.390 +	T100.0	
LIBERTY	WV8AR	145.410 -	T123.0	☺
LOGAN SOUTH	NV8H	147.195 +	100.0	
LOGAN/SUMERCO	NU8K	147.345 +		
LOGAN/WRD RK MT	KJ8E	146.970 -		
MADISON	WB8NAM	147.120 +	T	
MARLINTON	N4RAG	147.090 +	131.8	
MARTINSBURG	WA8FSE	145.150 -		
MARTINSBURG	WB8YZV	147.255 +		
MARTINSBURG	K3MAD	147.345 +		
MCMECHEN	N8BQ	146.910 -		☺
MIDDLEBOURNE	WV8TC	147.360 +	T110.9	☺
MOOREFIELD	KD4SZR	145.190 -		
MORGANTOWN	K8LG	145.430 -		
MORGANTOWN	W8CUL	146.760 -		
MORGANTOWN	KE8MR	147.075 +	T103.5	
MULLENS	KC8IT	147.030 +		
OAK HILL	NM8T	146.790 -		
PARKERSBURG	WV8G	145.490 -		
PARKERSBURG	WA8LLM	147.255 +		☺
PARKERSBURG	WD8CYV	147.390 +	T141.3	
PARKERSBURG (OH)	N8NBL	146.970 -		
PARSONS	K8VNQ	145.370 -	T118.8	
PHILIPPI	K8VE	145.150 -	103.5	☺
PINEVILLE	W8LG	147.285 +		
PRINCETON	KA8PNC	147.060 -		☺
PRINCETON	WB8NRK	147.225 +	T114.8	☺
PRINCETON/PIPEST	WD8OGY	146.925 -		
RAVENSWOOD	WD8JNU	146.670 -		
RICHWOOD	WB8YJJ	145.190 -	T	
RICHWOOD	AA8TH	147.015 +	T	
RICHWOOD	KB8YDG	147.150 +	T100.0	☺
SALT ROCK	K8SA	145.110 -	T110.9	
SCOTT DEPOT	WV8AR	147.270 +	123.0	☺
SHIRLEY	KB8TJH	145.310 -	T	
SKYLINE	K7SOB	147.360 +	T127.3	
SMITHERS	NM8T	147.075 -		
SO. CHARLESTON	WB8CQV	146.880 -	203.5	
SPENCER	KA8AUW	147.105 +	100.0	☺
SPRUCE KNOB	N8HON	147.285 +		
ST ALBANS	K8WMX	147.000 -		☺
SUMMERSVILLE	W8FG	145.470 -	100.0	
TERRA ALTA	KD8ZR	147.000 +	T	☺
UNION	W8IFL	145.410 -		
WEIRTON	W8CWO	146.940 -		
WELCH	WB8SXZ	145.450 -		
WESTON	WD8EOM	145.390 -		
WESTON	WC8K	147.165 +		
WHEELING	KA8YEZ	145.190 -		☺
WHEELING	W8ZQ	146.760 -		☺
WILLIAMSON	WR8M	145.330 -		☺

220 MHZ

BECKLEY	N8FWL	224.240 -	T123.0	
BECKLEY/OAK HILL	N8FWL	224.340 -		
BERKELEYSPRIN	KA3VLG	224.700 -		
CHARLESTON	WB8YST	224.360 -	107.2	☺
FLAT TOP/WINTRPL	WV8B	224.120 -		
HILLSBORO	KC8LRN	224.220 -	T131.8	☺
LEWISBURG	KC8LRN	224.800 -	T	☺
WILLIAMSON	WR8M	224.140 -		☺

440 MHZ

ALDERSON/SAM BLK	N8LVE	444.400 +	T100.0	
BECKLEY	N8FWL	443.050 +	T123.0	
BECKLEY	N8LVE	444.125 +	T	
BECKLEY/BOLT	W8LG	443.225 +		
BECKLEY/OAK HILL	WV8B	444.800 +		
BECKLY/OAK HILL	KE4QOX	443.100 +	T107.2	☺
BELINGTON	N8SCS	444.900 +	141.3	☺
BERKELEYSPRIN	WA3KOK	442.450 +		
BLUEFIELD	WZ8E	443.625 +	100.0	
BUCKHANNON	N8ZAR	444.250 +		
CHARLESTON	KB8QKM	442.925 +	71.9	
CHARLESTON	WV8AR	444.225 +	T123.0	☺
CHARLESTON	WB8YST	444.350 +	T107.2	☺
CLARKSBURG	N8FMD	444.175 +	T103.5	☺
DANSMOUNTAIN	N8YIB	145.330 +		
DUNMORE	KC8CSE	444.275 +	123.0	☺
FAIRMONT	W8SP	443.875 +		
FLATWOODS	N8ZVK	444.200 +		
GASSAWAY	K8WGB	444.675 +	T123.0	
GILBERT	KB8PCW	442.725 +	PROP	
GLENVILLE	KA8ZXP	444.325 +		
HUNTINGTON	WA4GSS	421.250 +		
HUNTINGTON	WB8EZR	443.000 +		☺
HUNTINGTON	KB8TGK	443.850 +	T88.5	
HUNTINGTON/CHAS	WB8ZER	444.850 +	T131.8	☺
HURRICANE	K8OJC	444.075 +		
HURRICANE	W8HYX	444.500 +	PROP	
KEYSER	N8RCG	444.125 +	103.5	☺
LEWISBURG	KF8FO	444.725 +	T103.5	
LOGAN	KE4QOX	444.900 +	T107.2	☺
MORGANTOWN	K8LG	444.700 +		
MORGANTOWN	W8CUL	444.800 +		
MULLENS	KC8IT	444.000 +		
OAK HILL	NM8T	443.300 +		
OAK HILL	KA8OTX	443.800 +		
PARKERSBURG (OH)	N8ILO	444.100 +		
PENNSBORO	WB8NSL	442.850 +	T103.5	
PRINCETON	KB8UJG	443.700 +	T123.0	
RICHWOOD	KB8YDD	443.475 +		
RICHWOOD	KC8AUY	443.575 +	T	☺
SHIRLEY	KB8TJH	444.425 +	T	
SO. CHARLESTON	WB8CQV	444.950 +	203.5	
ST. ALBANS	K8MHR	443.150 +		☺
T-MARCAREA		447.875 -		
WELCH	N8SNY	443.725 +		☺
WESTON	N8FIP	443.975 +		
WESTON	WC8K	444.600 +		
WHEELING	KB8QHO	421.250 +		
WHEELING	KA8YEZ	443.025 +	77.0HZ	☺

Limited FULL MEMBERS FROM NON-SERA STATES

10 METERS

CHESTER, PA	W3PS	29.520 +	T156.7	☺

6 METERS

CONCORD, NH	KA1OKQ	53.590 -	71.9	☺

2 METERS

CONCORD, NH	KA1OKQ	147.225 +	T100.0	☺
DELAND, FL	K4DWF	147.045 +	T103.5	☺
OCEAN CITY, NJ	W3PS	147.285 +	T146.2	☺
PARKERSBURG (OH)	WF8U	146.745 -		
PHILADELPHIA, PA	W3PS	147.315 +	TT156.7	☺
VINELAND, NJ	AA2LD	147.135 +	T156.7	☺
WINCHESTER, VA	W4RKC	146.820 -		☺

220 MHZ

OCEAN CITY, NJ	W3PS	223.980 -	T156.7	☺
CHESTER, PA	W3PS	224.960 -	T156.7	☺
CONCORD, NH	KA1OKQ	224.800 -	T103.5	☺
EAGLEVILLE, PA	W3PS	224.680 -	T156.7	☺
MILLVILLE, NJ	AA2LD	223.960 -	T156.7	☺
QUAKERTOWN, PA	W3PS	224.400 -		☺

440 MHZ

CHESTER, PA	W3PS	443.050 +	T156.7	☺
CONCORD, NH	KA1OKQ	448.775 -	T82.5	☺
LINWOOD, PA	W3PS	443.000 +	156.7	☺
MADISON, VA	N8HON	444.400 +		
MCKINNEY, TX	KF5TU	442.350 +	T100.0	☺
PEMBROKE, NH	KA1OKQ	444.150 +		☺
PETERBORO, NH	KA1OKQ	443.350 +	T110.9	☺

1270 MHZ

CHESTER, PA	W3PS	1240.000 +		☺

REPEATER LIST STATUS UNKNOWN

UNKNOWN REPEATER LISTS

The following list of repeaters are classified as "Unknown." By unknown, we mean that these listing have been purged from our main listing because we do not officially know if the repeaters indicated actually exist.

The SERA records department mails out datasheets for updates each year to all known repeaters and listings in the 8-state area. These "unknowns" have not been heard from in any form for a period of 3 or more years.

Various attempts to contact the persons responsible for the listings, in some cases have been unsuccessful. Other cases, owners refuse to cooperate. Some listings in this "unknown" area may possibly be in some phase of being "de-coordinated" by the District Coordinator (Director).

If your repeater is on this Unknown list, and you fill out a 2000 datasheet which you should have received in the mail next month or in October - this action will be sufficient to have the repeater removed from the Unknown list, and put back on the regular repeater indexes under the proper state. Any questions email: help@sera.org or toll free 1-888-593-5527. We'll be glad to work with you.

GEORGIA UNKNOWN LISTINGS

CONYERS	AI8H	29.680 -	UNKN
#MACON	KF4XH	29.620 -	UNKN
CRAWFORD	KD4FVI	53.330 -	UNKN
#MACON	KF4XH	53.390 -	UNKN
ATL/UNION CITY	WA4UPE	146.625 -	UNKN
AUGUSTA	KK4HL	145.110 -	UNKN
BAINBRIDGE	KE4RWR	147.090 +	UNKN
COLUMBUS	KA4CEK	145.310 -	UNKN
COLUMBUS	W4CVY	146.610 -	UNKN
COLUMBUS	W4CVY	146.880 -	UNKN
FOLKSTON	KD4GEY	146.790 -	UNKN
JESUP	WA4EQL	145.190 -	UNKN
JESUP	N4PJR	146.925 -	UNKN
JESUP/SCREVEN	N4PJR	147.345 +	UNKN

SERA REPEATER LISTINGS - BY STATE - BY CITY . . . conclude!

UNKNOWN REPEATERS CONTINUE

LAFAYETTE	KB4VAK	147.375 +	UNKN
#MACON	KF4XH	147.165 +	UNKN
PINE MT/HAMILTON	WB4ULJ	145.190 -	UNKN
SWAINSBORO	K4VYX	146.790 -	UNKN
THOMASTON	W4OHH	147.390 +	UNKN
ATLANTA	N4BLR	224.280 -	UNKN
CUMMING	K4JSR	224.980 -	UNKN
ATLANTA	KE4ZV	443.650 +	UNKN
ATLANTA	KD4LXT	443.875 +	UNKN
BARNESVILLE	N4GWO	443.675 +	UNKN
BRUNSWICK	KD4CPO	443.425 +	UNKN
BYRON	KF4XH	443.150 +	UNKN
DACULA	KK4IN	443.550 +	UNKN
DULUTH	W4IXN	443.775 +	UNKN
FLOWERY BRANCH	K4VJM	442.775 +	UNKN
FOLKSTON	KD4GEY	444.475 +	UNKN
HAMILTON	WB4ULJ	444.400 +	UNKN
HAPEVILLE	KC4ENL	442.825 +	UNKN
HIGH PT/LOOKT MT	KB4VAK	443.450 +	UNKN
JASPER	KB4MDE	443.425 +	UNKN
JESUP	N4PJR	444.925 +	UNKN
REX	KB4NPO	443.975 +	UNKN
SMYRNA	N4IBW	444.650 +	UNKN

KENTUCKY UNKNOWN LISTINGS

LOUISVILLE	WB4LBR	52.025 +	UNKN
DRAKESBORO	KF4DKJ	146.820 -	UNKN
GREENVILLE	WA4TTC	146.745 -	UNKN
HARLAN	WA4ZAC	147.105 +	UNKN
#HAWESVILLE	K9ZK	147.105 +	UNKN
HENDERSON	W4KVK	145.490 -	UNKN
#JONATHAN CREK	N4SEI	146.985 -	UNKN
LEXINGTON	WB4CWF	145.490 -	UNKN
#LITCHFIELD	KB4NFK	147.225 +	UNKN
LOUISVILLE	KQ9Z	147.360 +	UNKN
#MARION	KA4FGA	147.285 +	UNKN
#NEBO	AA4NI	146.730 -	UNKN
#NICHOLASVILLE	WB4LBI	146.990 -	UNKN
PRINCETON	W4KBL	146.670 -	UNKN
#PROVIDENCE	N4IUI	147.330 +	UNKN
SO. PORTSMOUTH	KC8FKP	145.390 -	UNKN
GLASGOW/CVCTY	KF4DC	444.250 +	UNKN
LEXINGTON	KE4ISR	444.725 +	UNKN
LOUISVILLE	N4ORL	442.000 +	UNKN
LOUISVILLE	KB4RYM	442.500 +	UNKN
LOUISVILLE	WD9EQC	443.500 +	UNKN
NEBO	AA4NI	444.850 +	UNKN

MISSISSIPPI UNKNOWN LISTINGS

GREENWOOD	KA5TQY	146.715 -	UNKN
IUKA	WB5MFK	146.850 -	UNKN
JACKSON	KB5KGE	145.390 -	UNKN
LOUISVILLE	KC5QGC	147.360 +	UNKN
PONTOTOC	WB5NAY	147.380 +	UNKN
TUPELO	N5ELS	147.240 +	UNKN
#VICKSBURG	K5IMT	146.805 -	UNKN
GLOSTER	N5ZNS	443.825 +	UNKN
HAZLEHURST	N5ZDF	443.950 +	UNKN
HICKORY FLAT	W4ZCD	444.725 +	UNKN
JACKSON, EAST	AA5RZ	443.625 +	UNKN
STARKVILLE	W5VZF	444.750 +	UNKN
VICKSBURG	WB5TTE	444.925 +	UNKN

N. CAROLINA UNKNOWN LISTINGS

BALD CREEK	N1BEC	29.660 -	UNKN
ASHEVILLE	N4OOC	53.470 -	UNKN
BALD CREEK	N1BEC	53.030 -	UNKN
SAURATOWN MT	N4QLX	53.210 -	UNKN
AHOSKIE	WB4YNF	145.130 -	UNKN
BALD CREEK	N1BEC	147.045 +	UNKN
CROWDERS MT/GAST	WD4PLY	145.450 -	UNKN
#GREENVILLE	KC4UMO	147.375 +	UNKN
LELAND	N4CTJ	145.170 -	UNKN
MOUNT AIRY	AD4T	146.940 -	UNKN
BALD CREEK	N1BEC	224.120 -	UNKN
HENDERSONVILLE	N4UQS	224.960 -	UNKN
PLYMOUTH	KB7BTU	224.760 -	UNKN
WILMINGTON	WB4KPF	224.680 -	UNKN
AHOSKIE	WB4YNF	444.200 +	UNKN
ASHEVILLE	KD4GEU	442.650 +	UNKN
BALD CREEK	N1BEC	444.875 +	UNKN
CHARLOTTE	KD4OWV	443.950 +	UNKN
CROWDERS MTN	KD4FRP	443.675 +	UNKN
OXFORD	KC4WXA	444.600 +	UNKN
WHITAKER MTN	WA4QFV	444.325 +	UNKN

S. CAROLINA UNKNOWN LISTINGS

#CANADYS	WB4FOH	145.390 -	UNKN
COLUMBIA	WB4NEP	146.715 -	UNKN
COLUMBIA	N4EOY	147.360 +	UNKN
ELLOREE	KC4WIF	146.610 -	UNKN
PICKENS	WB4YXZ	147.000 -	UNKN
SUMMERTON	N4LWY	145.150 -	UNKN
SUMTER/SHAW	W4VFR	147.060 +	UNKN
CHARLESTON	KA4NRL	224.180 -	UNKN
COLUMBIA	KC4SWI	224.640 -	UNKN
COLUMBIA	N4EOY	224.900 -	UNKN
CROSS	KB4VFD	224.580 -	UNKN
FLORENCE	N4JJ	224.940 -	UNKN
ORANGEBURG	KO4BR	224.780 -	UNKN
SUMTER	K4GYR	224.860 -	UNKN
SUMTER/SHAW	W4VFR	224.660 -	UNKN
WEST SPRINGS	KN4CW	224.440 -	UNKN
CHARLESTON	KD4PBC	444.950 +	UNKN
COLUMBIA	N4EOY	443.000 +	UNKN
FLORENCE	N4JJ	444.000 +	UNKN
GOOSE CREEK	N4CNN	421.250 +	UNKN
LANCASTER	KC4AC	444.100 +	UNKN
LEXINGTON	N4GUP	421.250 +	UNKN
SUMTER	K4GYR	444.500 +	UNKN

TENNESSEE UNKNOWN LISTINGS

GUTHRIE (TN/KY)	KA4ZKL	53.230 -	UNKN
CHARLESTON	KD4LDU	147.060 -	UNKN
ERWIN/UNICOI	KF4BRS	147.165 +	UNKN
KNOXVILLE	KC4ROG	146.910 -	UNKN
#KNOXVILLE	KD4CWB	147.000 -	UNKN
LAFOLLETTE	KA4OAK	145.130 -	UNKN
LAFOLLETTE	KA4OAK	147.360 +	UNKN
LAKE CITY	WB4OAH	146.820 -	UNKN
LEBANON	WB4DOR	145.390 -	UNKN
MCMINNVILLE	WD4MWQ	146.970 -	UNKN
MEMPHIS	N4WAH	147.120 +	UNKN
MORRISTOWN	WB4OAH	147.225 +	UNKN
NASHVILLE	K4AYN	147.045 +	UNKN
SHELBYVILLE	N4VFB	147.060 +	UNKN
SHORT MTN	W4YXA	146.910 -	UNKN
CLEVELAND	KK4US	224.320 -	UNKN
LAFOLLETTE	KA4OAK	224.280 -	UNKN
MORRISTOWN	N4RBB	224.400 -	UNKN
SEVIERVILLE	N2FUV	224.440 -	UNKN
SPRINGFIELD	KO4BN	224.220 -	UNKN
ATOKA	KE4ZBI	442.700 +	UNKN
CLEVELAND	KD4NEB	442.450 +	UNKN
FRANKLIN	N4ULM	443.850 +	UNKN
KNOXVILLE	KA4AZQ	443.800 +	UNKN
KNOXVILLE	KD4CWB	444.000 +	UNKN
KNOXVILLE	KC4NNN	444.175 +	UNKN
KNOXVILLE	KC4NNN	444.425 +	UNKN
MCMINNVILLE	WD4MWQ	444.850 +	UNKN
MEMPHIS	N4WAH	444.500 +	UNKN
#MORRISTOWN	KD4LP	444.800 +	UNKN
ONEIDA	KT4PN	442.825 +	UNKN
PROSPECT	WA4AUX	444.600 +	UNKN
SHELBYVILLE	WA4PZN	442.700 +	UNKN
NASHVILLE	KD4EEW	439.250 +	UNKN

VIRGINIA UNKNOWN LISTINGS

NORFOLK	WA4ZUA	145.170 -	UNKN
VIRGINIA BEACH	W4NV	147.375 +	UNKN
WALKERTON	KA4DZU	146.715 -	UNKN
CHESAPEAKE	N4EVG	443.900 +	UNKN

WEST VIRGINIA UNKNOWN LISTINGS

LEON	WD8OHX	147.180 +	UNKN
NEW MARTINSVILE	KF8LL	146.985 -	UNKN
ST MARYS/BENS R	WB8ECC	147.030 +	UNKN
#LEON	WD8OHX	223.780 -	UNKN
WHEELING	N8EKT	444.975 +	UNKN

SERA REPEATER INDEX LISTINGS BY FREQUENCY

PLEASE NOTE: CTCSS Tone Frequencies are listed for repeaters only if the repeater sponsors agree they be listed. Tone access listing does not indicate a closed repeater.

6 METERS

52.5500 / 51.5500			
WB4JEH	#CONYERS	151.4	GA
51.2000 / 51.7000			
WA4YNZ	#CUMMING		GA
51.4400 / 51.9400			
KC5BMJ	KINGSLAND	82.5	GA
52.5250 / 52.5250			
WW4DC	THOMASVILLE	88.5	NC
52.0100 / 53.0100			
WA4YNZ	#ROSWELL		GA
KC4QK	ASHLAND	107.2	KY
N5EKR	ELLISVILLE		MS
K4GRW	NEWPORT		NC
KE4QOX	THOMASVILLE	88.5	NC
N0WFL	BLYTHEWOOD		SC
WM4T	GRAY/HOLSTON MT		TN
WA4KOG	MEMPHIS		TN
WA4BGK	NASHVILLE	114.8	TN
KI4ZR	LEXNGTN/ROCK MT.		VA
52.0300 / 53.0300			
W4WTA	AUGUSTA		GA
K4ITL	RALEIGH		NC
KF4FTD	MORRISTOWN		TN
52.0500 / 53.0500			
KC4JNN	BISKEY MT.	100.0	GA
AB5MU	NETTLETON	192.8	MS
WA4PXV	AIR BELLOWS GAP		NC
N4JEH	ROCKY MOUNT		NC
WA4BGK	GALLATIN	114.8	TN
52.0700 / 53.0700			
WB4AEG	CARTERSVILLE	123.0	GA
KB4PTJ	WILLIAMSBURG	100.0	KY
KD4FWS	MT.AIRY/FANCY GP	100.0	NC
WB4IUY	ZEBULON	88.5	NC
KB4MIC	GUM SPRING	203.5	VA
52.0900 / 53.0900			
KD4DKW	ATL/MARIETTA	118.8	GA
KF4IXW	REELSBORO	162.2	NC
NO4Q	WAVERLY		TN
WB8BON	ROANOKE/POOR MT		VA
52.1100 / 53.1100			
W4GR	LAWRENCEVILLE	82.5	GA
N4XTF	GASTONIA/CRDR MT		NC
KD4BGD	LUMBERTON		NC
WD4GYN	OAK RIDGE		TN
KB4YKV	AMELIA COURTHSE		VA
N8CQQ	FLATWOODS		WV
52.1300 / 53.1300			
N4BZJ	DALTON		GA
N4EQT	LAWRENCEBURG	107.2	KY
W4FOT	#HENDERSONVILLE	100.0	NC
WB4GJG	DANVILLE(DCC)		VA
52.1500 / 53.1500			
KA5WZY	ATLANTA		GA
WB4IOB	KNXVL/ENG MT		TN
N8ITF	SPRINGFIELD	107.2	TN
N4CH	BEDFRD/THAX MT		VA
52.1700 / 53.1700			
WW4DC	THOMASVILLE	88.5	NC
K4BGW	LAFOLLETTE		TN
KE4SFU	RICE		VA
N8FWL	BECKLEY	123.0	WV
52.1900 / 53.1900			
KN4AS	LITTLE MOUNTAIN	156.7	SC
WA4UCE	COOKEVILLE		TN
WV8BD	ALDERSON		WV
52.2100 / 53.2100			
N1KDO	MARIETTA	79.7	GA
AD4U	ORANGEBURG	156.7	SC
AD4U	ORANGEBURG		SC
N4WWB	GATE CITY		VA
K8WGB	GASSAWAY	123.0	WV
52.2300 / 53.2300			
KD4JFN	PITTSBORO	107.2	NC
KQ4E	MORRISTOWN		TN
52.2500 / 53.2500			
KF4BMG	MARIETTA	79.7	GA
WA4YON	#KNOXVILLE		TN
KT4QW	NEWPORT NEWS		VA
N4CH	ROANOKE		VA
52.2700 / 53.2700			
KC4CBQ	HIAWASSEE	186.2	GA
KA4UHL	NANCY	100.0	KY
N4DRL	BYHALIA		MS
WD4BQW	ASHEVILLE		NC
KC4GYM	GILBERT	162.2	SC
WD4KZK	ROCKY MT/FERRUM	107.2	VA
52.2900 / 53.2900			
K4PLM	PINE LOG MT.	198.2	GA
KF4UAQ	LOUISVILLE		KY
KF4SXO	CHESTER		SC
WA4CQK	FANCY GAP	100.0	VA
52.3100 / 53.3100			
K4SER	WILLIAMSTON		NC
KD4SQB	ROAN MTN		TN
KB8TJH	SHIRLEY		WV
52.3300 / 53.3300			
AD4CC	HIGHLAND HEIGHTS	123.0	KY
W4TLP	CLINTON		NC
AB4JJ	W. JEFFERSON	100.0	NC
KC8CSE	SNOWSHOE		WV
52.3500 / 53.3500			
WR4BEG	SOPHIA/RANDLEMAN		NC
K4VCM	CHATTANOOGA		TN
NU5O	MCNAIRY	107.2	TN
52.3700 / 53.3700			
KD4MYE	YOUNGSVILLE		NC
KC4PDQ	MARYVILLE		TN
52.3900 / 53.3900			
KA4UFM	DECATUR		GA
KE4RKF	WAYNESBURG	100.0	KY
KC4YOZ	#RANLO	107.2	NC
WB3R	AMELIA		VA
52.4100 / 53.4100			
WA1YYN	EFLAND	107.2	NC
KO4MZ	GVL/CSR'S HEAD	131.8	SC
52.4300 / 53.4300			
KR4OL	BOLINGBROKE		GA
WA4DBY	LOUISVILLE	151.4	KY
AD4DN	WILMINGTON	88.5	NC
K4GX	KINGSPORT		TN
KD4SUU	CHESTERFIELD		VA
N4GBO	VESTA	107.2	VA
52.4500 / 53.4500			
WD4OVN	CARTERSVILLE		GA
KC5PIA	LAUREL		MS
W4UNC	CHAPEL HILL		NC
NQ4Y	MONTEAGLE MTN	114.8	TN
52.4700 / 53.4700			
KE4JYN	PEARISBURG	107.2	VA
52.5500 / 53.5500			
WB4JEH	CONYERS	151.4	GA
N4OQJ	KNOXVILLE	100.0	TN
K4RDK	MEMPHIS		TN
52.5700 / 53.5700			
KD4AOZ	WATKINSVILLE	123.0	GA
KE4LGL	LEXINGTON		KY
KE4KEH	LYNCHBURG	103.5	VA
52.5900 / 53.5900			
KF4QDS	KVILLE/HIPOINT	103.5	NC
KF4IWA	MOUNTAIN REST		SC
WB8YST	BECKLEY	107.2	WV
52.6300 / 53.6300			
AB4JJ	MT MITCHELL	100.0	NC
WB8YST	CHARLESTON	107.2	WV
52.6500 / 53.6500			
KC4SBJ	ROCKY MOUNT		NC
KB4YFV	WHITE TOP MTN		VA
52.6700 / 53.6700			
WA4WRS	BARIUM SPRINGS		NC
51.2000 / 53.7100			
KE4OVN	DRESDEN	107.2	TN
52.7100 / 53.7100			
WB8YST	RICHWOOD	107.2	WV
51.2200 / 53.7300			
K4YC	IVEY/MACON	88.5	GA
52.7500 / 53.7500			
W4YWH	HIGHLAND HEIGHTS		KY
W4BAD	RALEIGH		NC
WA4PXV	#WEST JEFFERSON		NC
K4GX	#ROGERSVILLE	114.8	TN
N8PEI	MARMT/CHARLSTN	141.3	WV
52.7700 / 53.7700			
W4GL	SUMTER		SC
W4BBB	KNOXVILLE	1000.	TN
52.7900 / 53.7900			
WR4MG	WARNER ROBINS		GA
WA4NC	BOONE	100.0	NC
52.8100 / 53.8100			
WD4KNE	#STANTON		KY
WB4SRV	CLAREMONT	118.8	NC
W4EBM	#FAYETTEVILLE		NC
52.8500 / 53.8500			
KE4LVS	HAZARD		KY
52.8900 / 53.8900			
KB0Y	LAKE PARK	141.3	GA
WB4HJG	LULA	82.5	GA
WA4OHX	HAMPTON		VA
52.9100 / 53.9100			
KE4ZJT	LONDON	100.0	KY
52.9300 / 53.9300			
W4GMM	MEMPHIS	107.2	TN
KC8LRN	LEWISBURG		WV
52.9500 / 53.9500			
WB4WSB	LAGRANGE		KY
52.9700 / 53.9700			
KD4FWS	MT.AIRY/FANCY GP	100.0	NC
52.5250 / 145.2100			
N4ARK	NASHVILLE		TN

2 METERS

144.6100 / 52.5250			
N4ARK	NASHVILLE		TN
144.5100 / 145.1100			
N4MXC	COCHRAN	107.2	GA

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

KR4HV	DOUGLASVILLE	88.5	GA
KC4UPE	LEESBURG	192.8	KY
K5HYE	MENDENHALL	100.0	MS
W5WA	PASCAGOULA	123.0	MS
W4PCN	KILL DEVIL HILLS	131.8	NC
W4FMF	ROBBINSVILLE	151.4	NC
KD4MYE	YOUNGSVILLE	88.5	NC
WZ4SC	FORT MILL		SC
W4GS	MYR BCH/CONWAY		SC
NQ4Y	COOKEVILLE		TN
WM4T	GRAY		TN
KD4GCT	JACKSON		TN
N4ARK	NASHVL/FAIRVIEW	151.4	TN
WA4CQK	#FANCY GAP	100.0	VA
K4YPE	RICHMOND		VA
N8RV	FROST	107.2	WV
K8SA	SALT ROCK	110.9	WV
144.5300 / 145.1300			
K4SEX	NEWNAN		GA
WR4SG	VALDOSTA	141.3	GA
N4UL	LOUISVILLE AREA	151.4	KY
KJ4VF	MOREHEAD	100.0	KY
W4RNC	RALEIGH	88.5	NC
W4JAK	GREENWOOD	123.0	SC
K4JR	SUMTER		SC
K4CMY	CHATTANOOGA		TN
N4SSB	GALLATIN	107.2	TN
KF4SCT	MEMPHIS	107.2	TN
N4VL	GALAX/LKOUT MT	103.5	VA
N8OYY	GLENVILLE		WV
144.55 0 / 145.1500			
K8VE	PHILIPPI	103.5	WV
144.5500 / 145.1500			
W4AQL	ATLANTA	167.9	GA
K4YC	IVEY/MACON	77.0	GA
KY4JW	MONTICELLO		KY
AD4BI	PIKEVILLE	107.2	KY
K5LFP	PICAYUNE		MS
K2IMO	ELM CITY	88.5	NC
W4GSO	GREENSBORO		NC
K4OBX	HATTERAS ISLAND	131.8	NC
W4NHV	#LUMBERTON		NC
K8HID	INMAN		SC
KG4FZR	ATHENS	141.3	TN
W4XS	FRANKLIN		TN
K0JXI	MEMPHIS		TN
K4ARO	GREENBAY		VA
KA4IXK	RADFORD/RINER		VA
144.5700 / 145.1700			
WA4DIW	JONESBORO		GA
W8PRH	HALLS GAP		KY
N5DWU	PETAL	136.5	MS
K4CCR	ANDSN MT/DENVER	88.5	NC
N4NCK	OXFORD		NC
KY4S	AIKEN		SC
KF4SCT	BRUCETON	107.2	TN
WB4GBI	KNOXVILLE		TN
WB4LHO	MURFREESBORO		TN
WV8B	BECKLEY/BOLT MT	100.0	WV
144.5900 / 145.1900			
WB0QGH	LAWRENCEVILLE		GA
KB4SQI	SALYERSVILLE	127.3	KY
K5YD	BOONEVILLE	110.9	MS
W5CJR	HATTIESBURG	136.5	MS
KA4SQN	JACKSONVILLE		NC
WA4BVW	MT MITCHELL		NC
K4GWH	RALEIGH	156.7	NC
N0YVN	COLUMBIA		SC
N4OTT	CARTHAGE		TN
KD4XV	JASPER	127.3	TN
WB3R	AMELIA		VA
WB8YJJ	RICHWOOD		WV
KA8YEZ	WHEELING		WV
144.6100 / 145.2100			
KC4RRO	EASTMAN		GA
WA4EPK	FAYETTEVILLE		GA
W8PRH	LEXINGTN/GRGTWN		KY
KB5IKR	MENDENHALL	100.0	MS
K4OLC	HIGH PEAK MTN	94.8	NC
WB4TQD	TRENTON		NC
NS4SC	LEXINGTON		SC
W2GLJ	GERMANTOWN		TN
W4BBB	KNOXVILLE/RACK	100.0	TN
N4ARK	NASHVILLE		TN
N2EDE	ROANOKE/POOR MT.		VA
WB8FEQ	HUNTINGTON		WV
144.6300 / 145.2300			
WB4JEH	CONYERS	151.4	GA
WR4SG	CORDELE	141.3	GA
W4DRC	DALTON		GA
K4BR	WAYNESBORO		GA
W8PRH	LOUISVILLE		KY
KC5QYG	MCLAIN		MS
KC5VZI	#NEW ALBANY		MS
N4VBH	BEULAVILLE		NC
W4UNC	CHAPEL HILL	107.2	NC
W4BFB	CHARLOTTE		NC
KG4AQH	GREELEYVILLE		SC
W4CAT	LAVERNE		TN
KB4KIE	MAYNARDVILLE		TN
KE4NTL	RIPLEY	100.0	TN
N4CH	BEDFORD		VA
W4MT	NEWPORT NEWS	100.0	VA
N8FWL	BECKLY/OAK HILL	100.0	WV
WJ8G	ELKINS	103.5	WV
144.6500 / 145.2500			
N4YYD	CHATSWORTH	71.9	GA
K4YC	IVEY		GA
AD4YJ	LEXINGTON	110.9	KY
W4GG	GREENSBORO	88.5	NC
WA4USN	CHARLESTON	123.0	SC
K4USC	UNION		SC
KT4WS	CARLISLE		TN
N4WXS	ERWIN/PINNACLE		TN
KD8XK	BLUEFIELD	100.0	VA
KQ4RH	MONTPELIER		VA
144.6700 / 145.2700			
KT4X	SANDERSVILLE	77.0	GA
K4PLM	WALESKA/PNLG MT	103.5	GA
N4KJU	PAINTSVILLE		KY
KD4BOH	ROCKPORT	77.0	KY
N5NBG	WALLS	162.2	MS
KB5DZJ	WIGGINS	136.5	MS
K4ROK	FARMVILLE	131.8	NC
WA4KNI	HENDSVL/BERWLW		NC
KM4AR	MIDWAY	77.0	NC
KC4GYM	COLUMBIA	127.3	SC
WB4WZK	HENDERSONVILLE		TN
KD4CLA	PIGEON FORGE	100.0	TN
N8FMD	BIRCH RIVER	103.5	WV
144.6900 / 145.2900			
W4IBM	ATLANTA		GA
W4DV	AUGUSTA	100.0	GA
WR4MG	PERRY	107.2	GA
AC2DC	LOUISVILLE	151.4	KY
N4VOS	STANTON		KY
WJ5L	VICKSBURG		MS
W4BFB	CHARLOTTE		NC
WN3X	COINJOCK	131.8	NC
AC4AR	#HIGH POINT	88.5	NC
KF4NOV	ROCKY MOUNT	107.2	NC
W4GS	MYRTLE BEACH	85.4	SC
KU4ZS	PUMPKINTOWN	123.0	SC
W4AM	CHATTANOOGA	118.8	TN
KF4ZQA	ELIZTON/HOLS MT		TN
K4DXC	RIDGETOP	114.8	TN
N4UTN	RUSTBURG		VA
WB8WV	GLENVILLE		WV
144.7100 / 145.3100			
KB4JF	NASHVILLE	141.3	GA
WA4JDR	STOCKBRIDGE		GA
KC4KZT	DAVID		KY
WB5GOJ	CHATAWA		MS
KC4WPM	BAKERSVILLE		NC
N4LEX	LEXINGTON	88.5	NC
N4WFU	#ROANOKE RAPIDS	131.8	NC
K4ITL	ROSEBORO		NC
W4IAR	BEAUFORT		SC
KG4FRA	CHESTER		SC
WA4PNI	ATHENS	141.3	TN
KF4SC	JACKSON		TN
KC4ECD	LAFAYETTE	151.4	TN
KD4KWP	CHESTERFIELD	127.3	VA
N8FCJ	BECKLEY/LAYLAND	100.0	WV
KB8TJH	SHIRLEY		WV
144.7300 / 145.3300			
KF4ODQ	EASTMAN	77.0	GA
WA4OGE	JONESBORO		GA
N4XGI	ST SIMONS ISLAND	131.8	GA
KF4INN	VERSAILLES		KY
K5DMC	KILN		MS
K5DMC	KILN		MS
KI4RK	GOLDSBORO	100.0	NC
N4VRD	MOUNT AIRY	100.0	NC
KF4JVI	TRYON		NC
WA4DFP	BAMBERG		SC
WD4DBJ	CUMBERLAND CITY		TN
WA4TEM	KNOXVILLE		TN
KE4ZBH	FARMVILLE		VA
W4VB	NORFOLK		VA
WR8M	WILLIAMSON		WV
144.7500 / 145.3500			
W4DOC	ATLANTA	146.2	GA
W4GTA	LOOKOUT MTN	100.0	GA
KD4MFS	OCILLA		GA
AI4HB	RADCLIFF	173.8	KY
KD4DAX	WILLIAMSBURG		KY
N4DRL	BYHALIA		MS
N5ZMZ	UTICA		MS
WA4AOS	CHARLOTTE		NC
WD4JPQ	GREENVILLE	131.8	NC
KE4OVN	DRESDEN	107.2	TN
WD4JYD	NOLENSVILLE	114.8	TN
N4AZJ	BLAND	103.5	VA
KF4LWH	SOUTH BOSTON		VA
W8GK	CHARLESTON	91.5	WV
W8SP	FAIRMONT	103.5	WV
144.7700 / 145.3700			
AA4UA	AUGUSTA		GA
KB4IZF	JASPER	100.0	GA
W4BKM	MACON		GA
KE4YVD	RICHMOND	192.8	KY
K5IJX	HATTIESBURG	136.5	MS
N5PYQ	SOUTHAVEN	107.2	MS
N4NCK	BUTNER		NC
W4HF	N. WILKESBORO		NC
K4PPD	SHALLOTTE		NC
KB4KIE	KNOXVILLE		TN
WR3S	NASHVILLE		TN
W4HZL	GLOUCESTER		VA
KC4RBA	LYNCHBURG	186.2	VA
WV8BD	BECKLEY/EOC		WV
K8VNQ	PARSONS	118.8	WV
144.7900 / 145.3900			
K4HYB	GRIFFIN	88.5	GA
WF4N	#CENTRAL CITY		KY
N4EQT	LAWRENCEBURG	107.2	KY
N4ZVN	MONROE/UCARS	94.8	NC
WB4TQD	RALEIGH	82.5	NC
W4AM	CHATTANOOGA		TN
W4WC	GREENEVILLE		TN
K4ARO	ROANOKE/POOR MT	107.2	VA
KF8HL	#LENORE		WV
WD8EOM	WESTON		WV
144.8100 / 145.4100			
W4PME	ATLANTA/BELL	100.0	GA
K4KNS	AUGUSTA		GA
WA4MXO	JACKSON		KY
KK4CZ	LOUISVILLE	127.3	KY
KC5IF	D'IBERVILLE		MS
N4XO	CHINA GROVE	136.5	NC
K4SER	WILLIAMSTON	131.8	NC
N4VIH	DOVER		TN
WB4NKM	GREENEVILLE	173.8	TN
K5FE	MEMPHIS	107.2	TN
NQ4Y	MONTEAGLE MTN	114.8	TN
KF4ADM	WILLIAMSBURG	127.3	VA
N8FHE	BUCKHANNON		WV
WV8AR	LIBERTY	123.0	WV
W8IFL	UNION		WV
144.8300 / 145.4300			
K4LCI	ATLANTA		GA
KA4EIM	JESUP		GA
AA4RI	MACON		GA
KX5E	GLOSTER	136.5	MS
KU4W	RAEFORD	100.0	NC
K4QFQ	SPARTA/GREEN MT		NC
KF4GHC	GILBERT	156.7	SC
KB4YTU	BROWNSVILLE		TN
KF4SCT	BUCKSNORT	107.2	TN
WA4UCE	COOKEVILLE		TN
WB4YLC	KNOXVILLE		TN
AD4OV	COEBURN	103.5	VA
W4SQT	RICHMOND		VA
K8LG	MORGANTOWN		WV
144.8500 / 145.4500			
W4BOC	DECATUR		GA
KG4FEJ	ROCKFIELD	136.5	KY
WX5P	FULTON		MS
N5ZQC	SHARON	100.0	MS
WR4AGC	DURHAM		NC
K4GRW	NEWPORT		NC
WD4EOG	CLEMSON UNIV		SC
N7GZT	MT. PLEASANT		SC
K4SIR	BENTON		TN
WA4KOG	MEMPHIS		TN
KQ4E	MORRISTOWN		TN
KF4GHD	#MT PLEASANT	127.3	TN
AA4HQ	SALUDA		VA
KD4KAU	STAUNTON	131.8	VA
N8LGY	GRANTSVILLE	103.5	WV
WB8SXZ	WELCH		WV
144.8700 / 145.4700			
KD4HMH	BONAIRE		GA
KF4UM	RICEBORO		GA
N4CLA	SWEAT MT/MARIETT		GA
WB4GGH	BARDSTWN/NELSN	151.4	KY
KF4ZTB	HUEYSVILLE	79.7	KY
KF4BRO	MAYSVILLE	107.2	KY
KF4SCT	OXFORD	107.2	MS
W4OIX	KINSTON		NC
W4NC	SAURATOWN MT	100	NC
KN4RG	GAFFNEY	141.3	SC
KI4CB	MYR BCH/CONWAY	179.9	SC
WB4GBI	KNOXVILLE		TN
KF4RBR	MOUNTAIN CITY	103.5	TN
N4ARK	NASHVILLE		TN
N4ZCM	SOUTH HILL		VA
W8FG	SUMMERSVILLE	100.0	WV
144.8900 / 145.4900			
W4DV	AUGUSTA		GA
KA4WUJ	CORDELE	103.5	GA
W4LMA	MARIETTA	88.5	GA
N5VGK	TUPELO		MS
NT4K	FRANKLIN		NC
WB4IKY	GIBSONVILLE	107.2	NC
W4BWC	RALEIGH	88.5	NC
W4APE	CHERAW		SC
WA4KOG	BRADEN		TN
WB4LHO	MCMINVL/SHT MT		TN
K4CQ	AMHERST	136.5	VA
W8MOP	BLUEFIELD		VA
WA4CHX	HAMPTON		VA
WV8G	PARKERSBURG		WV
146.0100 / 146.6100			
WB4JEH	CONYERS	151.4	GA
WD4KWV	CORBIN		KY
KC4FRA	MADISONVILLE		KY
KC5QZW	LAUREL		MS
WD4JMS	NEW BERN	100.0	NC
WB4TOP	RALEIGH	131.8	NC
W4NYK	GRNVLE/CSRS HD		SC
W4AM	CHATTANOOGA		TN
WA4PCD	NASHVILLE		TN
K4JP	ABINGDN/BRMLY MT		VA
WA4YSE	CHESAPEAKE		VA
W4WWQ	LYNCHBURG	136.5	VA
WB8MZI	GASSAWAY		WV
146.0250 / 146.6250			
N4UJT	ELBERTON		GA
K4HAO	VIDALIA		GA
WA4GOZ	BOWLING GREEN	103.5	KY
K4ULW	WEBSTER	151.4	KY
KC5ULN	COLUMBUS		MS
KE5WO	PORT GIBSON		MS
N4WET	BANER ELK/SUGAR		NC
K4USB	BUXTON	131.8	NC
KI4RR	#LAURINBURG		NC
KF4SXO	CHESTER		SC
KF4TNP	CORNERSVILLE	107.2	TN
WB4GBI	KNOXVILLE	100.0	TN
N4ABU	MARTIN		TN
K4SVA	JARRATT		VA
WV8B	FLAT TOP/WINTRPL	100.0	WV
146.0400 / 146.6400			
WB4QGR	#ATLANTA		GA
W4FWD	CARROLLTON	131.8	GA
AE4PO	WAYCROSS	141.3	GA
WA4UXJ	CANE VALLEY		KY
K5XU	MADISON		MS
WB5NAY	MOOREVILLE		MS
WB4YAO	HENDERSONVILLE	100.0	NC
W4DW	RALEIGH	88.5	NC
W4NC	WINSTON-SALEM	100	NC
W4GL	SUMTER		SC
KA4QYI	HARRIMAN	100.0	TN
WB4KQQ	MEMPHIS		TN
AF4TZ	NASHVILLE W	114.8	TN
W4WIC	FINCASTLE		VA
N4QLF	MARION	103.5	VA
WB4QEY	RICHMOND		VA
WB8EZR	HUNTINGTON/CHAS		WV
146.0550 / 146.6550			
N4NFP	ATLANTA/MARIETTA	118.8	GA
W4WSM	BOWLING GREEN-SO		KY
WD4DZC	DANVILLE		KY
K4CUW	PADUCAH		KY
KC5ZZH	MERIDIAN		MS
K4CEB	#CONCORD/KANNAP.		NC
WA4VTX	ELIZABETH CITY	131.8	NC
KD4KOJ	BEAUFORT		SC
KD4AOK	BROWNSVILLE		TN
W4RDM	LAWRENCEBURG		TN
W4OLB	MARYVILLE/ALCOA		TN
WA4ISI	ALTAVISTA		VA
N8ZPX	FLATWOODS	123.0	WV
N8SNW	IAEGER	203.5	WV
146.0600 / 146.6600			
W4BKM	MACON		GA
146.0700 / 146.6700			
W4ABP	GAINESVILLE	131.8	GA
KF4SJO	HAZARD		KY
W5UBG	NEW ALBANY		MS
KB5ZCX	PURVIS		MS
K4FHB	BURLINGTON		NC
WA4BKU	FOREST CITY		NC
AD4DN	WILMINGTON	88.5	NC
AD4U	ST. MATTHEWS	156.7	SC
W4UD	BRISTOL		TN
K4BGW	LAFOLLETTE		TN
AF4TZ	NASHVILLE W	114.8	TN
K4HZS	DUBLIN		VA
K4RC	WILLIAMSBURG		VA
WD8JNU	RAVENSWOOD		WV
146.0850 / 146.6850			
WD4IWL	ADAIRSVILLE		GA
K4KZY	FAYETTEVILLE		GA
KF4NTQ	GEORGETOWN	107.2	KY
N4WJS	OWENSBORO	110.9	KY
W5KHB	NATCHEZ		MS
W4NBR	GRIFTON	88.5	NC
KE4WSX	STATESVILLE		NC
K4USC	UNION		SC
KF4ARH	WALLAND	88.5	TN
WA1ZMS	BEDFRD/APL ORCH	100.0	VA
N8FMD	CLARKSBURG	103.5	WV
WB8NAM	DANVILLE		WV
146.1000 / 146.7000			
W4MM	#ALBANY		GA
K4UFO	JASPER		GA
KD4BWK	LAGRANGE	141.3	GA
WB4DOJ	MILLEDGEVILLE	67.0	GA
K4NLX	SAVANNAH		GA
KY4KY	BROOKS	151.4	KY
KD4DZE	GRAYSON	107.2	KY
WB4FUR	BAY ST. LOUIS		MS
W5LV	GRENADA		MS
W5FQ	MERIDIAN		MS
KD4GLB	CROSSNORE	167.9	NC
N4CID	DUNN		NC
W4PAX	LANCASTER		SC
WR4PKZ	PICKENS		SC
KF4BVQ	ANDERSON CTY	100.0	TN
W4UOT	MANCHESTER	114.8	TN
WB4MMI	RAMER	107.2	TN
WA4YGM	UNION CITY		TN
K4AU	DANVILE/WHT OAK	107.2	VA
KF8PT	NORFOLK		VA
AF4FB	PENNINGTON GAP	103.5	VA
KD4WWF	STAUNTON	131.8	VA
146.1100 / 146.7100			
KF4FO	HOPKINSVILLE		KY
146.1150 / 146.7150			
K4NVG	LAVONIA	100.0	GA
W4ABZ	RINGGOLD	67.0	GA
KF4OFT	BEREA	100.0	KY
KD4JFN	HAW RIVER	107.2	NC
N4GGN	MILLERS CREEK		NC
KB4JUB	SALTILLO		TN
W9KIC	BLACKSBURG		VA
146.1300 / 146.7300			
W4MM	ALBANY		GA
KD4NC	ATLANTA/SWEAT MT		GA
K4TVE	BRUNSWICK		GA
WR4DH	MACON	100.0	GA
AC4AO	LEXINGTON		KY
KC5IF	BILOXI		MS
KD5GVU	STARKVILLE	210.7	MS
W4BWC	RALEIGH	88.5	NC
W4EXU	SALISBURY	94.8	NC
W4VNK	WILMINGTON		NC
K4NAB	N. AUGUSTA		SC
WA4UKX	SIMPSONVILLE	100.0	SC
WB4IOB	KNXVL/ENG MT		TN
KE4LFZ	MEMPHIS	107.2	TN
KD4EHL	WATERTOWN	100.0	TN
W4QR	HAMPTON		VA
WB8SPW	LEWISBURG	100.0	WV
146.1450 / 146.7450			
KD4QHB	ATHENS		GA
K4WOC	CALHOUN	100.0	GA
KD4RTR	MILLARD	141.3	KY
KC5VZI	#NEW ALBANY		MS
KC4QPR	MORGANTON	94.8	NC
NN4N	DILLON/PEE DEE		SC
WB4RCK	DYERSBURG		TN
KC4WHL	HARRIMAN		TN
K4ROA	ROANOKE/POOR MT	107.2	VA
146.1600 / 146.7600			
KS4QA	LOOKOUT MT.	67.0	GA
W4BOC	STONE MT	107.2	GA
WR4MG	UNADILLA	107.2	GA
KF4BJM	VALDOSTA	141.3	GA
K4KJQ	LEXINGTON		KY
K4CUW	PADUCAH		KY
W5AXQ	JACKSON		MS
WA4BVW	ASHVL/MT PISGAH		NC
K4GWH	GREENSBORO	88.5	NC
KB2XI	SWANSBORO		NC
WB4THL	WILSON	131.8	NC
K4ESG	MT PLEASANT		SC
K4JP	BRSTL/HOLSTN MT		TN

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

WA4PCD	NASHVILLE	114.8	TN
WA4TFZ	CHARLOTTESVILLE	151.4	VA
KB4ZIN	WILLIAMSBURG		VA
W8VA	HUNTINGTON		WV
N4RAG	LEWISBURG		WV
W8CUL	MORGANTOWN		WV
W8ZQ	WHEELING		WV
146.1750 / 146.7750			
N4NEQ	MARIETTA	118.8	GA
KB4NA	WRENS		GA
W4PPM	MIDDLESBORO		KY
KJ4OG	TOMPKINSVILLE		KY
AE4SK	VANCEBURG		KY
W5CJR	HATTIESBURG	136.5	MS
NC4SU	RALEIGH	88.5	NC
W4ZU	SOUTHPORT	100.0	NC
KF4GHC	FORT JACKSON	156.7	SC
KF4SCT	FRUITLAND	107.2	TN
W4JVO	PULASKI/MUSIC MT		TN
AG4AN	FOREST	131.8	VA
WB3T	WYTHEVILLE	107.2	VA
KB8BWZ	ELKINS		WV
146.1900 / 146.7900			
WD4KOW	MOULTRIE		GA
K4SEX	#NEWNAN		GA
W4YWH	HIGHLAND HEIGHTS		KY
KA4UHL	NANCY	100.0	KY
K5TYP	BILOXI		MS
W4TLP	CLINTON		NC
KG4ASL	SAURATOWN MT	107.2	NC
N4AW	ANDERSON/SAS MT		SC
WA4USN	CHARLESTON		SC
W4AM	CHATTANOOGA		TN
W4ABR	JOHNSON CITY		TN
W4KIB	MEMPHIS	107.2	TN
W4SQE	NASHVILLE		TN
N4SD	CHESAPEAKE		VA
NM8T	OAK HILL		WV
146.2050 / 146.8050			
K4PDQ	MACON	77.0	GA
KA4NNE	GUTHRIE		KY
W8PRH	HAZARD		KY
KF5C	STARKVILLE	192.8	MS
N4EWG	FAYETTEVILLE		NC
K4GNC	GASTONIA/CRWDR		NC
W4DCG	ROCKY MOUNT	118.8	NC
KF4ATU	ORANGEBURG	156.7	SC
W4EYJ	CROSSVILLE		TN
WB4VXX	#LEWISBURG		TN
WB4MMI	SELMER	107.2	TN
WA4HTI	COVINGTON		VA
W4ML	MECHANICSVILLE		VA
147.4050 / 146.8050			
KC4AQS	JASPER	100.0	GA
W4DJB	CANTON		NC
146.2200 / 146.8200			
W4MM	ALBANY		GA
W4DOC	ATLANTA	146.2	GA
K4HVK	KIBBEE		GA
W4CMR	IRVINE	192.8	KY
K5HYE	MAGEE	100.0	MS
WB4PZA	ROARING GAP		NC
K4GMP	WILMINGTON	88.5	NC
KT4NZ	CAMDEN	131.8	SC
W4NYK	GRNVLE/PARIS MT		SC
W4BS	MEMPHIS		TN
AB4SW	WINCHESTER		TN
N4WWB	GATE CITY		VA
W4CAR	CHESAPEAKE	PROP	VA
WB8IFS	CHARLESTON		WV
146.2350 / 146.8350			
KC4GSS	THOMSON		GA
KC4ZOX	SALVISA	192.8	KY
WB4PLA	#ASHEVILLE		NC
KB4TOH	COLUMBIA	131.8	NC
W4USH	WADESBORO		NC
KT4YW	CHARLESTON		SC
KB4YTM	HUNTINGDON		TN
W4LYR	WATERTOWN	100.0	TN
KK4EH	GRUNDY/BIG A MT		VA
N4UTN	RUSTBURG/LONG MT	173.8	VA
147.4350 / 146.8350			
N4KHQ	DAHLONEGA	100.0	GA
KB4BPV	HIGH POINT		NC
146.2500 / 146.8500			
W4RPO	DALLAS		GA
KE4WAQ	SAVANNAH		GA
WA4ORT	WARNER ROBINS		GA
KM4IV	PIKEVILLE		KY
K5JMD	BUDE	103.5	MS
W5LWC	KOSCIUSKO		MS
K4CYP	GOLDSBORO		NC
WA4DSZ	HICKORY/BRT. MT		NC
N4IV	REIDSVILLE	103.5	NC
W4ULH	FLORENCE		SC
WA4KJH	GTLBG/COVE MTN	127.3	TN
WA4KOG	MEMPHIS		TN
W4AY	NASHVILLE	114.8	TN
W4POX	PORTSMOUTH		VA
WA4ZBP	STAUNTON	131.8	VA
WV8BD	BECKLEY/FLAT TOP		WV
N8ZAR	BUCKHANNON		WV
146.2650 / 146.8650			
N4ZON	JESUP	123.0	GA
WB4DKY	MADISON	179.9	GA
KM4OF	OWENSBORO		KY
KG4AEU	RICHMOND	192.8	KY
KD4HLH	LAURENS	107.2	SC
KF4DPU	CROSSVILLE		TN
KN4KP	TRENTON		TN
KC4UBU	NORTON	103.5	VA
147.4650 / 146.8650			
N5DWU	ELLISVILLE	136.5	MS
KB4YSX	MURPHY/STALCUP	151.4	NC
WA4ZRS	WAXHAW	94.8	NC
WZ8E	MOUNTAIN LAKE	110.9	VA
146.2800 / 146.8800			
W4BTI	MARIETTA/ATLANTA	100.0	GA
WA4NKL	QUITMAN		GA
W4HBB	SAVANNAH		GA
W4PF	LOUISVILLE		KY
KA4UHL	SOMERSET	77.0	KY
K5QNE	JACKSON	100.0	MS
KE5SJ	PASCAGOULA		MS
WB4TQD	RALEIGH		NC
W4NYR	SHELBY		NC
KF4IIM	ORANGEBURG	118.8	SC
WD4CYZ	BRISTOL		TN
WA4KOG	MEMPHIS		TN
WA4PCD	NASHVILLE		TN
W4SKH	OAK RIDGE		TN
W4RAT	RICHMOND		VA
WA4V	SALEM		VA
WB8CQV	SO. CHARLESTON	203.5	WV
146.2950 / 146.8950			
N4VNI	HARTWELL	100.0	GA
N3SM	MACON	123.0	GA
K4JBV	FLORENCE	100.0	KY
KA4BLZ	LYNN GROVE	210.7	KY
W4APE	PAGELAND		SC
KF4HNV	CROSSVILLE	118.8	TN
WD4EGD	DANDRIDGE		TN
N4RAG	CHARLOTTESVILLE	131.8	VA
WA4KXV	VIRGINIA BEACH		VA
WB3T	WYTHE/WALKR TOP	103.5	VA
147.4950 / 146.8950			
WD4LUQ	DALLAS	77.0	GA
KC4KZT	DORTON	141.3	KY
N5DWU	ELLISVILLE	136.5	MS
146.3000 / 146.9000			
WB4WVH	IRVINGTON		KY
146.3100 / 146.9100			
WB4HIG	CLEVELAND		GA
K4HYB	GRIFFIN		GA
K4GFY	MOREHEAD	123.0	KY
KS4TO	WADDY	107.2	KY
K5VV	HERNANDO		MS
WA5JZL	LUCEDALE		MS
K5OCM	NATCHEZ	91.5	MS
WA4ZGQ	AHOSKIE	131.8	NC
W4MOE	ASHVL/SPIVEY MT	91.5	NC
WB4YZF	FAYVLLE/CFARS	100	NC
K4IZM	LEXINGTON	107.2	NC
W4BWZ	WHITE HALL		SC
KF4SCT	SAVANNAH	107.2	TN
KE4ZBH	FARMVILLE		VA
K4TUE	MT.LAKE/BALD KNB	107.2	VA
N8BQ	MCMECHEN		WV
146.3250 / 146.9250			
WA4ASI	COVINGTON		GA
W4BEJ	RADCLIFF		KY
WB5VOJ	CORINTH	107.2	MS
W4APE	BISHOPVILLE		SC
W4GZX	CLEVELAND		TN
WA4TLZ	CUMBERLAND CITY	127.3	TN
WD4OBW	JONESBOROUGH		TN
WA4TFZ	CHARLOTTESVILLE		VA
WB4GJG	DANVILLE(DCC)	107.2	VA
WD8OGY	PRINCETON/PIPEST		WV
146.3400 / 146.9400			
KT4N	AUGUSTA		GA
W4VO	ROME/MT. ALTO	88.5	GA
WA4RVB	WRIGHTSVILLE		GA
KG4DVE	ASHLAND		KY
KY4X	GLASGOW	114.8	KY
K4MSU	MURRAY		KY
KB5DWX	AMORY	192.8	MS
KA5SBK	JACKSON	100.0	MS
K5JMD	MCCOMB		MS
W4DLH	BURGAW		NC
WA4IZG	BUTNER	156.7	NC
W4BFB	CHARLOTTE		NC
W4ACY	MANTEO/WANCHES		NC
KF4CDR	CHARLESTON		SC
W4IQQ	GREENVILLE	7	SC
WB4GBI	KNOXVILLE		TN
N4BSM	MEMPHIS	107.2	TN
K4UMI	HAMPTON		VA
W4ZA	RICHMOND		VA
N4AP	ROANOKE		VA
KD8AB	FENWICK		WV
W8CWO	WEIRTON		WV
146.3550 / 146.9550			
KD4AOZ	ATHENS	123.0	GA
K5PRE	BLAIRSVILLE	100.0	GA
WR4MG	PERRY	107.2	GA
KF4BRO	FLEMINGSBURG	107.2	KY
N5EKR	ELLISVILLE		MS
KC5OB	ISOLA		MS
KD4WAR	BURNSVILLE		NC
K4RNC	ROCKINGHAM		NC
NT4L	#NASHVILLE	114.8	TN
WZ8E	BLUEFIELD/ONEIDA	100.0	VA
N4CFA	FARMVILLE	136.5	VA
146.3700 / 146.9700			
K4CLJ	ATLANTA		GA
W4HBB	SAVANNAH		GA
K4DPP	#HENDERSON		KY
W8PRH	STANTON		KY
KI5FW	MERIDIAN	100.0	MS
N5PH	PASCAGOULA		MS
N5EYM	WINONA	110.9	MS
N4XRY	MOUNT AIRY		NC
K4WGG	SMITHFIELD		NC
N4AW	ANDERSON		SC
W4GEY	FLORENCE		SC
W4TRC	KNGSPT/BAYS MT		TN
WA4RWK	MEDINA		TN
W4SKH	OAK RIDGE		TN
W4WRN	STAUNTON		VA
WA4KXV	VIRGINIA BEACH		VA
KJ8E	LOGAN/WRD RK MT		WV
N8NBL	PARKERSBURG (OH)		WV
146.3800 / 146.9800			
W4BEJ	ELIZABETHTOWN		KY
146.3850 / 146.9850			
K4KNS	AUGUSTA	100.0	GA
KC4ZGN	ELLIJAY/TALONA M	77.0	GA
KN4FE	WARM SPRINGS		GA
N5LRQ	COLLINS	136.5	MS
KB5DMT	SENATOBIA	107.2	MS
K4OGB	ALBEMARLE		NC
WD4PVE	MARION	118.8	NC
KC4PRD	NASHVILLE		TN
KK4MW	#CLINCHCO	103.5	VA
KE4SCS	PETERSBURG	131.8	VA
W4CA	ROANOKE/POOR MT		VA
146.4000 / 147.0000			
WA4NNO	ATLANTA		GA
K5UFH	CORINTH		MS
KE5TL	#VANCLEAVE		MS
N5DXM	WATER VALLEY		MS
WD4FVO	JACKSONVILLE		NC
N0WFL	BLYTHWOOD		SC
WA4MRV	MARION		SC
W4ZJM	MEMPHIS	*#	TN
W4LG	SUFFOLK	100.0	VA
K8WMX	ST ALBANS		WV
147.6000 / 147.0000			
W4EEE	BOGART		GA
KE4LR	SHELBYVILLE		KY
KG4M	WILLIAMSBURG		KY
KC5ULN	COLUMBUS		MS
W5IQ	JACKSON		MS
WW4DC	THOMASVILLE	88.5	NC
W4CBX	BLOUNTVILLE		TN
WD4SGA	CLARKSVILLE		TN
KA6UHV	COLLEGEDALE		TN
KD8ZR	TERRA ALTA		WV
146.4150 / 147.0150			
N4GIS	CARTERSVILLE	100.0	GA
N4YSB	YADKINVILLE		NC
AB4M	LYNCHBURG	131.8	VA
K4AXO	NORTON/HIGH KNB	88.5	VA
147.6150 / 147.0150			
K4EDN	BONAIRE	82.5	GA
KF4UM	HINESVILLE		GA
AD4RU	IRVINE		KY
N5JHK	MONTICELLO		MS
NC4LC	LINCOLNTON	141.3	NC
KD4MYE	RALEIGH		NC
W4GL	SUMTER	156.7	SC
AF4TZ	NASHVILLE		TN
AA4KS	RCKWD/MT ROSVLT		TN
KF5SCT	UNION CITY	107.2	TN
AA8TH	RICHWOOD		WV
146.4300 / 147.0300			
WV5D	LAUREL		MS
KU4OL	MOUNTAIN REST		SC
K4YTZ	ROCK HILL		SC
WA4JST	RICHMOND		VA
147.6300 / 147.0300			
W4REI	ATLANTA/AIRPORT		GA
KD4ULE	HOPKINSVILLE	103.5	KY
W4PJZ	LOUISVILLE	151.4	KY
W5LDD	OCEAN SPRINGS		MS
KG4BTN	GREENSBORO	131.8	NC
KB4DJT	ROANOKE RAPIDS		NC
KF4CVO	#BARNWELL	156.7	SC
K4NMB	#N. MYRTLE BEACH		SC
W4BV	FAYETTEVILLE		TN
W4EM	MEMPHIS		TN
KQ4E	MORRISTOWN		TN
KC8IT	MULLENS		WV
146.4450 / 147.0450			
K4AIH	ANDRWS/ROBNSVL	151.4	NC
147.6450 / 147.0450			
KE4ZRT	DOUGLAS	141.3	GA
KD4AOZ	WATKINSVILLE	123.0	GA
KJ4VF	GRETHEL	100.0	KY
KE4OOS	PARIS	141.3	KY
KB5LCL	POLKVILLE	141.3	MS
W4NHV	LUMBERTON		NC
KC4MJC	#STATESVILLE	77.0	NC
WD4OZN	BOLIVAR		TN
N2UP	LIVINGSTON		TN
KE4CKJ	STAUNTON/EL.KB	131.8	VA
WA4SBC	VIRGINIA BEACH		VA
146.4600 / 147.0600			
W4CQ	CHARLOTTE		NC
KF4AGO	SOUTH BOSTON		VA
KA8PNC	PRINCETON		WV
147.6600 / 147.0600			
WA4DDI	MACON		GA
N4CLA	ROSWELL		GA
W4UCJ	THOMASVILLE		GA
K4LOL	BOWLING GREEN	156.7	KY
W4NJA	PADUCAH		KY
N5OCF	RICHTON		MS
WA4LED	MACO	88.5	NC
KB4UG	GRNVL/VIKING MT		TN
WA4MQQ	MEMPHIS		TN
WB4VWR	ENON	107.2	VA
N8ZAR	BUCKHANNON	123.0	WV
147.6700 / 147.0700			
N4NMC	LOUISVILLE	151.4	KY
146.4750 / 147.0750			
NM8T	SMITHERS		WV
147.6750 / 147.0750			
W4GR	LAWRENCEVILLE	82.5	GA
W4CJB	PEMBROKE		GA
N4TLP	OWINGSVILLE		KY
NC5Y	JACKSON		MS
K4CCR	NEWTON	88.5	NC
KD4JFN	PITTSBORO	146.2	NC
KT4BU	EASTOVER	156.7	SC
WQ4E	GREENBRIER	107.2	TN
WB4GBI	KNOXVILLE		TN
KF4SCT	MCNAIRY	107.2	TN
AD4ZK	NORFOLK		VA
W4PNT	WAYNESBORO		VA
KE8MR	MORGANTOWN	103.5	WV
147.6900 / 147.0900			
KC4YHM	EATONTON	179.9	GA
K2YRW	YOUNG HARRIS		GA
KF4CWK	DAWSON SPRINGS	103.5	KY
KJ4YK	PHELPS		KY
KB5DSN	AMORY		MS
N5MRS	NEW HEBRON		MS
WB5FXH	#SUMNER		MS
W4GDF	GREENVL/ESTN NC		NC
KF4ATU	ORANGEBURG	156.7	SC
K4JLA	SPARTANBURG		SC
AD4QG	EVA		TN
K4NLP	JAMESTOWN	100.0	TN
W4GMM	MEMPHIS	107.2	TN
W4BRC	GALAX/BRIRP MT		VA
N4TZE	GOOCHLAND		VA
N4RAG	MARLINTON	131.8	WV
147.7050 / 147.1050			
WB6RTH	ATLANTA	107.2	GA
NC4D	STATESBORO		GA
N4EQT	FRANKFORT	107.2	KY
W5SAR	WAYNESBORO		MS
K4ITL	BROADWAY		NC
WA4KNI	HENDERSONVILLE		NC
KD4NEC	CLEVELAND		TN
K4TC	HENDERSON		TN
W4LYR	LEBANON	100.0	TN
WB4JBJ	BEDFORD		VA
KB4ZIN	WILLIAMSBURG		VA
KA8AUW	SPENCER	100.0	WV
147.7200 / 147.1200			
W4CMA	CEDARTOWN		GA
K4HCA	CLARKESVILLE		GA
KT4N	#LINCOLNTON		GA
KA4KMT	#LOUISVILLE		KY
WB4ASZ	WINCHESTER		KY
NO5N	ACKERMAN		MS
N4GAS	GASTONIA/SPCR MT		NC
WN4Z	ROCKY MOUNT	131.8	NC
W4GS	MYRTLE BEACH		SC
W4GGM	COLUMBIA		TN
K4EAJ	OAK RIDGE	82.5	TN
WB8POC	PATRICK SPRINGS	107.2	VA
WB8DKM	BRIDGEPORT		WV
WB8NAM	MADISON		WV
147.7350 / 147.1350			
N4BZJ	DALTON	118.8	GA
WR4SG	LAKE PARK	141.3	GA
K4GK	MILLEDGEVILLE	123.0	GA
KE4SZK	FRANKLIN	136.5	KY
KF4WMM	SANDY HOOK	107.2	KY
KB5UIX	VOSSBURG	136.5	MS
K4HXZ	BREVARD		NC
K4ITL	CHAPEL HILL	82.5	NC
WA4US	WILMINGTON	67.0	NC
KF4GPE	CHESTERFIELD		SC
KF4CDR	WALTERBORO		SC
WB4EDS	ALAMO		TN
N4AZJ	PEARISBURG	100.0	VA
KC4VDZ	RICHMOND	107.2	VA
KE8MR	DAVIS	103.5	WV
147.7500 / 147.1500			
WB4GQX	CUMMING		GA
WA4IDS	SAVANNAH		GA
KA9KOP	#LOUISVILLE	141.3	KY
KI5WI	BOONEVILLE		MS
KF5IZ	PEARL/RANKIN CO	88.5	MS
K4VLY	MORGANTON		NC
K4ITL	ROANOKE RAPIDS	82.5	NC
WD4NUN	MONCKS CORNER		SC
WA4PCD	NASHVILLE WEST	114.8	TN
K4EAJ	OAK RIDGE	82.5	TN
KB4RFN	CLINCHCO	88.5	VA
KB8YDG	RICHWOOD	100.0	WV
147.7650 / 147.1650			
N4NEQ	MORGANTON	151.4	GA
N4OME	TYRONE		GA
W4WSM	BOWLING GREEN		KY
WA4HBM	LEXINGTON		KY
WB4UBY	PRESTONSBURG		KY
W4UA	HIGH POINT		NC
KD4PBK	LUMBERTON	88.5	NC
W4GWD	GREENWOOD	107.2	SC
WA4CEX	PURYEAR		TN
KR4BT	SPARTA/WHITE	123.0	TN
W4CM	NEWPORT NEWS		VA
WC8K	WESTON		WV
147.7800 / 147.1800			
N4BMA	AUGUSTA		GA
WD4NHW	BALDWIN		GA
WB4BDP	WARNER ROBINS		GA
KE4ZJT	LONDON	151.4	KY
W4CN	LOUISVILLE	88.5	KY
KC5LIO	WEST POINT		MS
WA1YYN	EFLAND	156.7	NC
AC4RC	WILMINGTON	88.5	NC
W4DXA	FORT MILL		SC
W4HNK	SUMMERVILLE	123.0	SC
WD4DES	CLEVELAND	118.8	TN
WA4KOG	MEMPHIS		TN
K4ZGA	NASHVILLE	114.8	TN
KB4YKV	AMELIA COURTHSE		VA
WD4ITN	MONTEREY	100.0	VA
WB3S	PKS KB/PULASKI	103.5	VA
147.7950 / 147.1950			
K4JPD	ATLANTA		GA
W4UCJ	BOSTON		GA
KJ4VF	LEXINGTON		KY
N4NIN	#LENOIR		NC
KO4CW	RALEIGH	88.5	NC
W4APE	FLORENCE		SC
KC4FV	ARNOLD A.F.B.		TN
KD4CWB	KNOXVILLE	100.0	TN
AF4OQ	SARDIS		TN
WA4RTS	LYNCHBURG	136.5	VA
WT4RA	SMITHFIELD	100.0	VA
NV8H	LOGAN SOUTH	100.0	WV
147.8100 / 147.2100			
KF4GHF	CONYERS	162.2	GA
K4NLX	SAVANNAH		GA
KB4DFK	BLACK MOUNTAIN	103.5	KY

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

K4HY	OWENSBORO	110.9	KY
N5SPJ	UNION	100.0	MS
W4BUZ	GREENSBORO		NC
W4SLH	ORIENTAL		NC
W4NTQ	WHITEVILLE		NC
K4AVU	LITTLE MT.		SC
N4WS	COOKEVILLE		TN
WF4Q	JACKSON	107.2	TN
KB8NJH	AMBER RIDGE	107.2	WV
N8FMD	CLARKSBURG	103.5	WV
147.8250 / 147.2250			
KG4ABK	DOERUN		GA
W4RLP	SUMMERVILLE	100.0	GA
N4DRL	BYHALIA		MS
W5BJT	#FRENCH CAMP		MS
WB4SRV	CLAREMONT	162.2	NC
WR4AGC	HILLSBOROUGH		NC
W4DTW	SANTEE		SC
NO4Q	WAVERLY		TN
KA4VXR	HAMPTON	136.5	VA
WB8NRK	PRINCETON	114.8	WV
147.8400 / 147.2400			
AE4JO	EMERSON	103.5	GA
WB4NFG	IRWINTON	77.0	GA
KC4QK	ASHLAND	107.2	KY
W4GZ	FARMINGTON	91.5	KY
KC4AI	FRANKFORT	100.0	KY
KF4TLT	HYDEN	186.2	KY
KG5YV	RAYMOND	136.5	MS
W2SE	CARTHAGE		NC
W4SIJ	FOREST CITY	123.0	NC
W4GHZ	FRANKLIN	151.4	NC
W4IAR	HILTON HEAD		SC
AC4VT	LANCASTER	88.5	SC
W4LKZ	GALLATIN	114.8	TN
KD4ZTK	BOYDTON		VA
N4MGQ	ELK CRK/IRON MTN	107.2	VA
K8WGB	#GASSAWAY	123.0	WV
147.8550 / 147.2550			
KR4NQ	SNELLVILLE	107.2	GA
AE4PJ	WAYCROSS	141.3	GA
N4IOX	#DIXON		KY
K4CO	HIGHLAND HTS.		KY
KC5RC	LAUREL		MS
KJ4AV	ASHEBORO		NC
WA4KNI	HENDSVL/PENIC		NC
W4RRC	LEESVILLE	123.0	SC
KJ4SI	PETROS/FRZ HD MT		TN
K4BW	ACCOMAC	156.7	VA
WD4CYZ	#CLINCHCO		VA
KC8CNL	HINTON	100.0	WV
WA8LLM	PARKERSBURG		WV
147.8700 / 147.2700			
W4VIR	AMERICUS		GA
KF4GHF	COVINGTON	162.2	GA
WB4EJK	LOUISVILLE	151.4	KY
KE4AIE	ST. CHARLES		KY
WB5USN	ABERDEEN		MS
K5ZRO	VICKSBURG	100.0	MS
W4CQ	CHARLOTTE		NC
AK4H	RALEIGH/BENSON		NC
N4SM	WAYNESVILLE		NC
W4ANK	CHARLESTON AREA		SC
WA4JRJ	SENECA/LONG MT		SC
WA4YQC	GALLATIN	114.8	TN
WB0TMC	JACKSON		TN
KE4FH	JOHNSON CITY		TN
WB4IKL	GUM SPRING		VA
KB4QWO	ROANOKE/POOR MT		VA
WV8AR	SCOTT DEPOT	123.0	WV
147.8850 / 147.2850			
W4PVW	ASHBURN/TIFTON	103.5	GA
KA5WZY	ATLANTA		GA
KC4WWU	KINGSLAND	118.8	GA
KC4ZFH	LONDON		KY
N5LJC	COLUMBIA		MS
KB5TGA	CORINTH		MS
N4ADM	AIKEN		SC
N4LV	MYB BCH/BRKSVIL		SC
W4RCW	#WHITE OAK MTN		SC
KF4JPT	PIKEVILLE		TN
KF4KVG	MARTINSVILLE	107.2	VA
KA4ZIP	WARSAW		VA
W8LG	PINEVILLE		WV
N8HON	SPRUCE KNOB		WV
147.9000 / 147.3000			
N4ALE	COLBERT		GA
WB4YSV	ROME		GA
WR4MG	WARNER ROBINS	107.2	GA
K4ICN	ALLEN	123.0	KY
WA4SJH	SPRINGFIELD		KY
KA5LNY	MAGEE		MS
W4YSB	JEFFERSON	103.5	NC
N4JEX	KANNAPOLIS	136.5	NC
W4MZP	RED SPRINGS		NC
WB4IUY	WILSON	88.5	NC
K4LWS	AWENDAW	103.5	SC
W4CAT	GALLATIN	114.8	TN
W4BBB	KNOXVILLE/RACK	100.0	TN
WA4ADT	MEMPHIS	107.2	TN
KD4ITB	FRANKLIN	131.8	VA
KI4ZR	LEXINGTON	131.8	VA
WB8NSL	HARISVL/PENSBRO		WV
147.9150 / 147.3150			
AD4EQ	DOUGLAS		GA
W4STJ	FORSYTH	88.5	GA
KC4TX	#HODGENVILLE		KY
KC4VXR	SALEM		KY
N5DWU	WAYNESBORO		MS
KF4HFQ	ROLLESVILLE	88.5	NC
K4MPJ	SAURATOWN MT	100.0	NC
K4PPD	SHALLOTTE		NC
N4UZT	N. SPARTANBURG	141.3	SC
KD4HZN	ROGERSVILLE	114.8	TN
N4ARK	SPARTA	123.0	TN
AJ4D	TELLICO PLAINS	141.3	TN
K4HWQ	GRUNDY		VA
147.9300 / 147.3300			
W3LAP	COCHRAN	77.0	GA
WB4BXO	LAGRANGE		GA
K4NLX	SAVANNAH		GA
KA4DIP	TOCCOA		GA
WA8KWH	ASHLAND		KY
KA4CFW	BOWLING GREEN		KY
WD4KNE	#MT. STERLING		KY
N5EPP	PHILADELPHIA		MS
W4LPL	FAYVLLE/FT BRAGG		NC
KN4K	LENOIR/HIBRITN	141.3	NC
WD4ORB	MORGAN COUNTY	82.5	TN
KI4ZR	LEXNGTN/ROCK MT.		VA
147.9450 / 147.3450			
N4NEQ	ATLANTA/MARIETTA	118.8	GA
WD4JZH	LEBANON	151.4	KY
KF4TLT	STINETT		KY
KG5SF	GREENVILLE		MS
N5ZMZ	UTICA		MS
WA4IXW	MADISON	103.5	NC
W4NYR	SHELBY		NC
KF4DTL	SYLVA	151.4	NC
WA4TEP	WASHINGTON		NC
KF4CDR	ADAMS RUN (CHAS)		SC
K4BBN	CROSS PLAINS		TN
K4PHT	DAYTON		TN
NM4L	ABINGDON	103.5	VA
N4WAO	EASTVILLE	156.7	VA
W3RUA	FRANKLIN		WV
NU8K	LOGAN/SUMERCO		WV
147.9600 / 147.3600			
W4SCR	DOUGLASVILLE	88.5	GA
WA4HZX	DUBLIN		GA
W5CJR	HATTIESBURG		MS
K5SVC	NATCHEZ	100.0	MS
WA4J	BOONE/RICH MTN	103.5	NC
WD4LDB	DURHAM		NC
W4PET	LUMBERTON		NC
W4BS	MEMPHIS	107.2	TN
AF4TZ	NASHVILLE		TN
K4KLX	PARIS		TN
KA4CBB	CHESTERFIELD		VA
KB4OLM	STUARTS DRAFT		VA
N8FWL	BECKLEY	123.0	WV
WV8TC	MIDDLEBOURNE	110.9	WV
K7SOB	SKYLINE	127.3	WV
147.9750 / 147.3750			
K4TQU	ATHENS/CRAWFRD	127.3	GA
KG4HRN	BUCKHORN LAKE	103.5	KY
KD4YGK	CENTER	151.4	KY
K4CO	WALTON		KY
KA5VFU	GULFPORT		MS
KD4WAR	BURNSVILLE		NC
K4GWH	GRAHAM	114.8	NC
KI4CB	GEORGETOWN	179.9	SC
K4LEO	#GREENWOOD		SC
KN4HL	DICKSON		TN
W4NRV	PEARISBURG	100.0	VA
WD8LNB	GRAFTON	118.8	WV
147.9900 / 147.3900			
KE4SNT	#BLACK ROCK MT		GA
KE4INT	#ARTEMUS	107.2	KY
WR8CRA	COVINGTON		KY
KF4TOL	CRESTWOOD	151.4	KY
N8QCW	LOUISA	107.2	KY
KC5QHP	FOREST	100.0	MS
WA4CHZ	AQUADALE		NC
WB4IUY	CLAYTON	88.5	NC
WA4QBG	EDEN/STONEVILLE		NC
K4PPD	SHALLOTTE		NC
N4DTR	WAYNESVILLE		NC
KA4FEC	LEXINGTON		SC
KF4L	#CLARKSVILLE		TN
K4DPD	DAYTON/RHEA CTY		TN
KQ4E	#MORRISTOWN		TN
WA4BJY	OAKFIELD		TN
K4ARO	PETERSBURG		VA
N8RCG	KEYSER	123.0	WV
WV8D	LEWISBURG	100.0	WV
WD8CYV	PARKERSBURG	141.3	WV

220 MHZ

222.3000 / 223.9000			
WB4SJV	HERMITAGE		TN
222.3400 / 223.9400			
KC4QK	ASHLAND		KY
W4ZJM	MEMPHIS	*#	TN
222.3600 / 223.9600			
WR3S	SMITHVILLE		TN
222.3800 / 223.9800			
W4CAT	GALLATIN		TN
222.4200 / 224.0200			
WB4JEH	#CONYERS		GA
222.4600 / 224.0600			
W4NYR	SHELBY		NC
222.5000 / 224.1000			
KA4UHL	NANCY	100.0	KY
W4UWH	FRANKLIN	94.8	NC
N4CH	ROANOKE		VA
222.5200 / 224.1200			
N4NFP	ATLANTA/MARIETTA	118.8	GA
WM4MD	MIDDLESBORO	82.5	KY
W4GL	SUMTER		SC
WV8B	FLAT TOP/WINTRPL		WV
222.5400 / 224.1400			
KD4ALC	WALESKA		GA
W5SAR	WAYNESBORO		MS
WR4BEG	SOPHIS/RANDLEMAN		NC
WB4QHF	PICKENS/CSRS HD	131.8	SC
KB4PNG	ONEIDA		TN
N4HRV	CHARLOTTESVILLE	88.5	VA
WR8M	WILLIAMSON		WV
222.5600 / 224.1600			
KC4JNN	BISKEY MTN	100.0	GA
KN4K	LENOIR/HIBRITN		NC
WR3S	NASHVILLE		TN
222.5800 / 224.1800			
N4YDX	DALLAS		GA
KB8FPK	ERWIN	88.5	TN
WA1ZMS	BEDFRD/APL ORCH	100.0	VA
222.6000 / 224.2000			
KC4OVY	#ATLANTA-NE	100.0	GA
WA4US	WILMINGTON		NC
W4ILY	GREENVILLE		SC
W4CBX	BLOUNTVILLE		TN
KB4YTU	BROWNSVILLE		TN
W4JAS	HAMPDEN-SYDNEY		VA
WB4GUG	STUART	107.2	VA
222.6200 / 224.2200			
N4NEQ	ATLANTA/MARIETTA		GA
AD4CR	VERSAILLES		KY
NF4C	ROCKY MOUNT		NC
KB4FZK	KNXVL/CROSS MT	100.0	TN
KC8LRN	HILLSBORO	131.8	WV
222.6400 / 224.2400			
N4YYD	FT MT/CHATSWTH	71.9	GA
WA4KNI	HENDSVL/BERWLW		NC
KE4QOX	KVILLE/HIPOINT	107.2	NC
N8FWL	BECKLEY	123.0	WV
222.6600 / 224.2600			
KE4QFG	MARIETTA		GA
WA4BVW	ASHVL/MT PISGAH		NC
WR4AGC	HILLSBOROUGH		NC
N4PYI	SHORT MTN.	114.8	TN
222.6800 / 224.2800			
AC4RZ	PICKENS		SC
AB4M	LYNCHBURG		VA
222.7000 / 224.3000			
WA4KM	TEMPLE	100.0	GA
KA4MKT	LOUISVILLE		KY
N4AI	SOMERSET		KY
WA4WRS	BARIUM SPRINGS		NC
KE4CKJ	STAUNTON/EL KNOB	131.8	VA
222.7200 / 224.3200			
N4MTA	ACWORTH/ATL	123.0	GA
KA4SQN	JACKSONVILLE		NC
W4IT	PICKENS/SASFR MT		SC
N4RAG	BUCK'S ELBOW	131.8	VA
222.7400 / 224.3400			
W4DOC	ATLANTA		GA
WW4DC	THOMASVILLE	88.5	NC
WB4GBI	KNOXVILLE		TN
N8FWL	BECKLEY/OAK HILL		WV
222.7600 / 224.3600			
N4BZJ	DALTON		GA
WB4PAC	#GRIMESLAND		NC
WA4TG	MARSHALL		NC
WR3S	LAVERGNE		TN
WB8YST	CHARLESTON	107.2	WV
222.7800 / 224.3800			
N4RBT	DAHLONEGA	100.0	GA
N4OQJ	KNOXVILLE	100.0	TN
WS4W	RIDGEWAY		VA
222.8000 / 224.4000			
KC4AQS	JASPER	100.0	GA
W4BFB	CHARLOTTE		NC
WB4QHF	PICKENS	131.8	SC
KB4YGI	COLLIERVILLE		TN
N8ITF	SPRINGFIELD	107.2	TN
222.8200 / 224.4200			
KD4AOZ	WATKINSVILLE	123.0	GA
AC4AO	LEXINGTON		KY
W4BS	MEMPHIS		TN
WD4GSM	NORTON/HIGH KNB		VA
WB8POC	PATRICK SPRINGS	103.5	VA
222.8400 / 224.4400			
N4NEQ	ATL/MARIETTA	118.8	GA
WB4GUG	GREENSBORO	107.2	NC
KC4TFQ	#NASHVILLE		TN
222.8600 / 224.4600			
N4BZJ	DALTON	118.8	GA
W4ABP	GAINESVILLE		GA
KB0Y	VALDOSTA	141.3	GA
KC4ZTJ	SHELBY		NC
222.8800 / 224.4800			
KE4IPX	NORCROSS		GA
W4DEX	LOCUST		NC
K4ZGA	NASHVILLE		TN
KD4HZN	ROGERSVILLE		TN
222.9000 / 224.5000			
N4MTA	ACWORTH/ATL	123.0	GA
N4FND	SHEPHERDSVILLE	151.4	KY
N4DRL	BYHALIA		MS
AD4DN	WILMINGTON	88.5	NC
W4BBB	KNOXVILLE/RACK	100.0	TN
K4RCA	MARTINSVILLE		VA
222.9200 / 224.5200			
KE4AIS	PINE LOG MTN		GA
WR4AMS	DORTON		KY
KR4HJ	LEXINGTON	107.2	NC
K4RWN	LITTLE MTN		SC
222.9400 / 224.5400			
N4YEA	DALLAS		GA
WA4BVW	MT MITCHELL		NC
N8ITF	SPRINGFIELD	107.2	TN
WB4PVT	HAMPTON	100.0	VA
222.9600 / 224.5600			
W4DOC	ATLANTA	146.2	GA
W4LOC	LOOKOUT MT	100.0	GA
KD4RXF	LANCASTER		KY
WB4YZF	FAYETTEVILLE		NC
KC4GYM	COLUMBIA	162.2	SC
AC4JF	NEWPORT	100.0	TN
222.9800 / 224.5800			
NX9O	ALPHARETTA	100.0	GA
WB4F	PIKEVILLE		KY
KR4AA	ROCKY MOUNT		NC
WA4RQF	#WALKERTOWN		NC
N4KFI	KNOXVILLE	103.5	TN
223.0000 / 224.6000			
W4UWH	JASPER	100.0	GA
WB4PLA	ASHEVILLE		NC
KC4KUL	#THOMASVILLE		NC
W4LG	LAKE GASTON		VA
223.0200 / 224.6200			
W4PME	ATLANTA/BELL	100.0	GA
KD4DAR	PIKEVILLE		KY
KC4IRA	GASTONIA	127.3	NC
KD4JFN	HAW RIVER	107.2	NC
W4UWH	GATLINBURG		TN
W4GSF	GLOUCESTER		VA
223.0400 / 224.6400			
KS4QA	LOOKOUT MT.		GA
W4RNC	RALEIGH		NC
WA4RQF	WALKERTOWN		NC
KC4RGQ	MORRISTOWN		TN
223.0600 / 224.6600			
W4BKM	MACON		GA
NP2Y	YOUNG HARRIS	100.0	GA
KE4RQL	BIG KNB/MARS HIL	100.0	NC
WA1YYN	EFLAND	107.2	NC
WR3S	NASHVILLE		TN
223.0800 / 224.6800			
N4BZJ	DALTON		GA
KA4RCL	WAYNESBORO	131.8	VA
223.1000 / 224.7000			
W4TIY	DALLAS		GA
WB9SZL	CLEMMONS	100.0	NC
KM4TC	DUNCAN	88.5	NC
KD4VUW	GALLATIN		TN
KD4IBW	SEVIERVILLE	100.0	TN
K4ARO	PETERSBURG		VA
223.1200 / 224.7200			
W4UWH	CLAYTON		GA
WR4AMS	LANGLEY		KY
WA4DAN	TRENTON		NC
223.1400 / 224.7400			
N4KVC	DALTON		GA
KD4WAR	BURNSVILLE		NC
N4NCK	OXFORD		NC
N4PYI	NASHVILLE	100.0	TN
KC4JGC	NORFOLK	100.0	VA
223.1600 / 224.7600			
W4BOC	STONE MT		GA
W4EXU	SALISBURY		NC
WQ4E	GREENBRIER		TN
K4PCK	KNOXVILLE		TN
WA4TFZ	CHARLOTTESVILLE		VA
223.1800 / 224.7800			
KC4KLW	CEDARTOWN	179.9	GA
WB5OWY	VICKSBURG		MS
N4IV	EDEN	103.5	NC
K4VCM	CHATTANOOGA		TN
KE4FH	JC/BUFFALO MT		TN
WA4KOG	MEMPHIS		TN
223.2000 / 224.8000			
KR4BD	LEXINGTON		KY
KD4WJD	ZEBULON	88.5	NC
WZ4SC	FORT MILL		SC
WQ4E	GREENBRIAR		TN
KD4IBW	SEVIERVILLE		TN
KC8LRN	LEWISBURG		WV
223.2200 / 224.8200			
KK4C	ATLANTA		GA
WR4MG	HAWKINSVILLE	107.2	GA
WR4AMS	HAZARD		KY
N4DWU	CANTON		NC
KD4LHP	KERNERSVILLE	107.2	NC
223.2400 / 224.8400			
W4TL	GAINSVILLE	131.8	GA
WR4MG	WARNER ROBINS		GA
WA4NC	BANNER ELK		NC
WA4DAN	GRIFTON		NC
KC4PRD	NASHVILLE		TN
N4PLV	BEDFORD		VA
223.2600 / 224.8600			
KC4JNN	ALPHARETTA	100.0	GA
KQ4Q	PEARISBURG	103.5	VA
223.2800 / 224.8800			
WD4LUQ	YORKVILLE	77.0	GA
N4AI	SOMERSET		KY
N4DRL	WARSAW		MS
K4AIH	ANDRWS/ROBINSVL		NC
K4DQ	FANCY GAP	100.0	VA
223.3000 / 224.9000			
W4LMA	MARIETTA		GA
N4EQT	LAWRENCEBURG	107.2	KY
WM4T	GRAY		TN
WD9JGI	SWEETWATER		TN
AA4HQ	DELTAVILLE		VA
K4YDG	ROANOKE/TINKER		VA
223.3200 / 224.9200			
W4CSX	SNELLVILLE	100.0	GA
W4NYK	GRNVL/DOWNTWN	88.5	SC
W4LOC	SIGNAL MT		TN
WA8O	BLUEFIELD		VA
223.3400 / 224.9400			
WB4KXO	AUGUSTA		GA
KB4GDS	WALESKA		GA
AD4RU	IRVINE		KY
WB4NKM	GREENEVILLE		TN
WA4PCD	NASHVILLE		TN
AB4EM	ROA/CAHAS MT		VA
223.3600 / 224.9600			
PT2RFL	ATLANTA/MARIETTA	100.0	GA
KC4ZTJ	CHERRYVILLE		NC
W3PS	GOLDSBORO	156.7	NC
N4QVI	GREENSBORO		NC
223.3800 / 224.9800			
KE4GJG	LONDON		KY

440 MHZ

434.0000 / 421.2500			
W4ZTL	ATLANTA/BELL		GA
K4NLX	SAVANNAH		GA
KJ4SO	DURHAM TV HILL		NC
KO4AT	GREENSBORO		NC
WD4ATV	JOHNSON CITY/BUF		TN
WA4GSS	HUNTINGTON		WV
KB8QHO	WHEELING		WV
439.2500 / 421.2500			
W4BEJ	ELIZABETHTOWN		KY
W4PPN	CHARLOTTE		NC
WZ4O	SUMTER		SC
AF4TZ	NASHVILLE		TN

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

N4XND	GLOUCESTER		VA
W4HTB	BOWLING GREEN		KY
KA5NOJ	GAUTIER		MS
N3XA	WAYNESBORO		VA
WA4VHP	SAVANNAH		GA
W4NYR	#SHELBY		NC
438.7750 / 433.0750			
WA3KOK	CHESTERFIELD		VA
426.2500 / 439.2500			
N4FHL	ROA/POOR MT		VA
446.2500 / 441.2500			
NQ4Y	MONTEAGLE MTN		TN
446.3500 / 441.3500			
KD4DXR	#WALESKA		GA
WA4USN	KNIGHTSVILLE		SC
446.4500 / 441.4500			
WA4USN	MT. PLEASANT		SC
446.6000 / 441.6000			
WA4AYB	RICHMOND		VA
WA4AYB	RICHMOND		VA
446.6250 / 441.6250			
W4ERT	TAYLORSVILLE	151.4	NC
446.7250 / 441.7250			
W4ERT	TAYLORSVILLE	151.4	NC
446.8000 / 441.8000			
KC4YNF	ACWORTH	77.0	GA
446.9000 / 441.9000			
WB4GQX	CUMMING	141.3	GA
446.9250 / 441.9250			
W4CSX	DALLAS	162.2	GA
446.9500 / 441.9500			
KE4OKD	SANDY SPRINGS	103.5	GA
447.0000 / 442.0000			
WB6RTH	ALPHARETTA	107.2	GA
KC4IEV	GAFFNEY	114.8	SC
KF4BTL	MARYVILLE		TN
W4LG	GASBURG		VA
WB3T	WYTHE/WALKER MT	103.5	VA
447.0250 / 442.0250			
W4CML	ATLANTA	127.3	GA
447.0500 / 442.0500			
N1KDO	MARIETTA	107.2	GA
KD4ADJ	LEXINGTON		KY
WA1YYN	EFLAND	107.2	NC
KD4XV	JASPER	127.3	TN
WB4SQC	JOHNSON CITY/HOL	100.0	TN
WA4BJY	MEDINA		TN
447.0250 / 442.0750			
W8BLA	ROSWELL		GA
447.0750 / 442.0750			
N4VOS	STANTON		KY
KD4PBS	APEX	114.8	NC
K4JLA	COLUMBUS	103.5	NC
N4JDW	WILMINGTON	88.5	NC
KJ4BJ	DAYTON		TN
KF4UCI	CHARLOTTESVILLE	151.4	VA
447.1000 / 442.1000			
K4HUM	NORCROSS		GA
N4RBL	LOUISVILLE AREA		KY
N4IV	WENTWORTH	103.5	NC
K4USC	UNION		SC
KF4TNP	LEWISBURG	107.2	TN
WD4PAX	MILAN		TN
447.1250 / 442.1250			
KD4GRU	DALTON		GA
WR4PKZ	PICKENS		SC
KB4YFV	HILLSVILLE	103.5	VA
447.1500 / 442.1500			
N4SE	ROSWELL/BELL	100.0	GA
KD4RTR	DORTON	167.9	KY
W4UNC	CHAPEL HILL		NC
WJ9J	CHATTANOOGA		TN
KA4BNI	DRESDEN		TN
KD4SUU	CHESTERFIELD		VA
447.1750 / 442.1750			
N4BZJ	DALTON	118.8	GA
K4NGQ	FRANKFORT	67.0	KY
WA4US	WILMINGTON		NC
W4GMM	MEMPHIS	107.2	TN
447.2000 / 442.2000			
KF4SKT	BLAIRSVILLE		GA
N3APR	DECATUR		GA
N5DWU	ELLISVILLE	167.9	MS
KS4SB	COLFAX		NC
WA4US	WILMINGTON		NC
N7GZT	ORANGEBURG		SC
KD4YUX	BETHPAGE	107.2	TN
WM4T	GRAY	100.0	TN
WA4BJY	OAKFIELD		TN
N4IFC	LYNCHBURG/T.ROW	103.5	VA
447.2250 / 442.2250			
WB6RTH	#ATLANTA	107.2	GA
WJ9J	RCKWOOD/OZONE		TN
NO4Q	WAVERLY	110.9	TN
WB4GUG	STUART	107.2	VA
447.2500 / 442.2500			
N5DWU	ELLISVILLE	167.9	MS
KB4PQA	GREENVILLE		SC
WD4DES	CLEVELAND	118.8	TN
WA4HTI	COVINGTON		VA
447.2750 / 442.2750			
K4DDH	MACON	100.0	GA
N4ZCM	AUBURN		NC
KO0NTZ	LEXINGTON		NC
KF4CFO	ETOWAH	141.3	TN
KE4PFW	HENDERSON		TN
447.3000 / 442.3000			
KW4KW	RINGGOLD	118.8	GA
KC4QPR	MORG/WALKER TOP	94.8	NC
WB4IUY	ZEBULON	88.5	NC
KC4ED	SUMMERVILLE		SC
WA4UCE	COOKEVILLE	107.2	TN
KC4VDZ	RICHMOND	114.8	VA
447.3250 / 442.3250			
W4JLG	MABLETON		GA
K4JBV	INDEPENDENCE	100	KY
WM4MD	MIDDLESBORO	67.0	KY
WD4ICX	ASHEBORO		NC
447.3500 / 442.3500			
WD4NHW	BALDWIN		GA
KD4TAH	RUSSELLVILLE	136.5	KY
KF5TU	LAKE GASTON	100.H	NC
WA4YGD	LINCOLNTON		NC
447.3750 / 442.3750			
KE4QFG	MARIETTA		GA
KE4YRE	SHELBYVILLE		KY
WA4PXV	HICKORY		NC
W4RNR	SANFORD		NC
447.4000 / 442.4000			
N4UER	WARM SPRINGS		GA
KF4JJD	GARRETT	79.7	KY
AA4XV	LATONIA		KY
KD4WJD	ZEBULON		NC
WB4QHF	PICKENS/CSRS HD	127.3	SC
KF4YI	LYNCHBG/JACK MT.	107.2	VA
447.4250 / 442.4250			
K4HCA	CLARKESVILLE		GA
KC4FIE	MADISONVILLE		KY
K4AE	LEXINGTON	107.2	NC
AF4ZJ	CHAT/WALDEN		TN
447.4500 / 442.4500			
W4CML	SNELLVILLE		GA
KD4CLR	LOUISVILLE AREA	151.4	KY
WA4TOG	HENDERSONVILLE		NC
N4LMR	RALEIGH		NC
WA3KOK	CHESTERFIELD	107.2	VA
447.4750 / 442.4750			
K4NVG	LAVONIA	203.5	GA
KS4QA	LOOKOUT MT.	67.0	GA
KE4DGP	WILKESBORO	107.2	NC
AG4AN	FOREST		VA
447.5000 / 442.5000			
AB4KN	PEACHTREE CITY	77.0	GA
KE4PMP	VIDALIA	88.5	GA
K4GFY	MOREHEAD		KY
K4YNY	WILMINGTON	88.5	NC
WB4HAP	KNOXVILLE	103.5	TN
W4CA	ROANOKE/POOR MT		VA
447.5250 / 442.5250			
KY4JD	FORT WRIGHT	123.0	KY
WB3T	WYTHEVILLE	103.5	VA
447.5500 / 442.5500			
WB4JEH	CONYERS	151.4	GA
WD4ELX	LOUISVILLE		KY
WA4TOG	ASHEVILLE		NC
K1BUD	PITTSBORO		NC
W4RAT	RICHMOND	127.3	VA
447.5750 / 442.5750			
WA4BPY	CUMMING	79.9	GA
AE4LW	MADISONVILLE	100.0	KY
W4MLU	RALEIGH	156.7	NC
KU4MC	WINSTON-SALEM	146.2	NC
WB4IVB	JONESVILLE	100.0	VA
447.6000 / 442.6000			
KD4FOC	DUBLIN	77.0	GA
WA4OKJ	MARIETTA	100.0	GA
KD4ADJ	MT STERLING		KY
WD4NWV	ANDRWS/ROBINSVL	151.4	NC
N8ITF	SPRINGFIELD	107.2	TN
K4ARO	PETERSBURG		VA
K4ARO	ROANOKE		VA
447.6250 / 442.6250			
W4ABP	GAINESVILLE	131.8	GA
KE4KIV	NEWTON		NC
WB4EPG	MEMPHIS		TN
447.6500 / 442.6500			
KE4FHN	DANIELSVILLE		GA
W4LOC	LOOKOUT MTN	100.0	GA
WA1ZMS	BEDFRD/APL ORCH	100.0	VA
447.6750 / 442.6750			
KE4PVE	ATLANTA	100.0	GA
KD4BOH	ROCKPORT	77.0	KY
N6CLU	CONCORD	103.5	NC
NC4SU	RALEIGH	100.0	NC
WA4MPZ	#BLUFFTON		SC
447.7000 / 442.7000			
KC4ZGN	ELLIJAY	77.0	GA
K4NLX	SAVANNAH		GA
W7CP	ROANOKE		VA
447.7250 / 442.7250			
KE4QFG	MARIETTA/ATL		GA
KB4YJ	LOUISVILLE	151.4	KY
N5LRQ	VOSSBURG	167.9	MS
WG4R	GREENSBORO		NC
N4GLB	SIMPSONVILLE		SC
W4RDM	COLUMBIA		TN
KB8PCW	GILBERT		WV
447.7500 / 442.7500			
N0SU	BRYSON CITY	151.4	NC
WD4KZK	ROANOKE/MILL MT	107.2	VA
447.7750 / 442.7750			
KC4FIE	MADISONVILLE		KY
KF4CDR	CHARLESTON		SC
AE4PZ	MOUNTAIN REST	127.3	SC
KE4CIF	PULASKI		VA
447.8000 / 442.8000			
N4NFP	ATL/MARIETTA		GA
N4AAD	YADKINVILLE	100.0	NC
WD4LUR	LAKE CITY	100.0	TN
KB4MIC	GUM SPRING		VA
447.8250 / 442.8250			
W1CP	CLAYTON	162.2	GA
WA1YYN	SAURATOWN MT	131.8	NC
WF4G	MEMPHIS		TN
447.8500 / 442.8500			
WB0QGH	LAWRENCEVILLE	82.5	GA
W2HR	GILBERTSVILLE	103.5	KY
AG4AZ	BREVARD		NC
KA4IXK	ROA/POOR MT		VA
WB8NSL	PENNSBORO	103.5	WV
447.8750 / 442.8750			
PT2RFL	ATLANTA/MARIETTA	100.0	GA
K4EFW	MACON	114.8	GA
W4GSO	GREENSBORO		NC
KD4DMS	SPIVEY'S CORNER		NC
KC4WHL	HARRIMAN	136.5	TN
KF4OCK	LORETTO	203.5	TN
447.9000 / 442.9000			
K3TD	BUFORD	103.5	GA
WR4MG	WARNER ROBINS		GA
W4CMR	IRVINE		KY
WW4DC	THOMASVILLE	88.5	NC
N4WT	CHATT/HIXSON		TN
KE4CES	JACKSON	114.8	TN
W4MT	NEWPORT NEWS	100.0	VA
447.9250 / 442.9250			
KC4YHM	EATONTON		GA
K4CH	LEXINGTON	107.2	NC
WD4OAR	GEORGETOWN	107.2	TN
KB8QKM	CHARLESTON	71.9	WV
447.9500 / 442.9500			
AA4AI	ATHENS	179.9	GA
N4XGI	ST SIMONS ISLAND	131.8	GA
W4ERT	TAYLORSVILLE	151.4	NC
AB4FU	LYNCHBURG		VA
447.9750 / 442.9750			
WA4YNZ	ATLANTA		GA
WA4YNZ	#ROSWELL		GA
NK4W	LITTLE MT	162.2	SC
KB8KSP	ABINGDON	100.0	VA
448.0000 / 443.0000			
W4DRC	CHATSWORTH		GA
KT4GB	BARDSTOWN		KY
KI4RK	PIKEVILLE		NC
W4ZJM	MEMPHIS	*#	TN
KM4X	WHITETOP MTN	103.5	VA
WB8EZR	HUNTINGTON		WV
448.0250 / 443.0250			
W4CML	ATLANTA	127.3	GA
KD4IEZ	DUBLIN	156.7	GA
KE4OOL	LEXINGTON	123.0	KY
WB4IKY	GIBSONVILLE	107.2	NC
N4UAG	KNOXVILLE		TN
KA8YEZ	WHEELING	77.0H	WV
448.0500 / 443.0500			
NE1H	SNELLVILLE		GA
W3PS	GOLDSBORO	156.7	NC
WB4PUB	#NASHVILLE	107.2	TN
N8FWL	BECKLEY	123.0	WV
448.0750 / 443.0750			
KC4ZIZ	MACON	156.7	GA
WR4BEG	SOPHIA/RANDLEMAN		NC
KA4AZQ	KNOXVILLE	100.0	TN
448.1000 / 443.1000			
N4KHQ	DAHLONEGA	100	GA
N4WJS	OWENSBORO		KY
KE4QOX	SAURATOWN MT	88.5	NC
KA4JXT	MEMPHIS	107.2	TN
KN4YM	POWHATAN		VA
KE4QOX	BECKLY/OAK HILL	107.2	WV
448.1250 / 443.1250			
KU4ML	FOSTER		KY
KB4PQA	CRAB CREEK TWP		NC
WA4NNA	RALEIGH		NC
KT4OL	CHATTANOOGA		TN
KT4OL	CHATTANOOGA		TN
KC4PRD	GOODLETTSVILLE	107.2	TN
KA4JXT	HICKORY VALLEY	107.2	TN
KA4JXT	MEMPHIS		TN
448.1500 / 443.1500			
W4PME	ROSWELL/BELL	100.0	GA
W4HG	SALISBURY		NC
K8MHR	ST. ALBANS		WV
448.1750 / 443.1750			
KE4KLQ	WALESKA	103.5	GA
KC4COV	FLORENCE		KY
KD4HLH	LAURENS	146.2	SC
KF4TNP	MT PLEASANT	107.2	TN
WB8POC	PATRICK SPRINGS		VA
448.2000 / 443.2000			
KD4APP	HIGH HOUSE MTN		GA
K4YC	IVEY	88.5	GA
W4DEX	#STANFIELD		NC
KD2LH	YOUNGSVILLE	88.5	NC
W4WC	GRNVLE/VIKING MT	100.0	TN
W4BS	MEMPHIS	107.2	TN
KB4YKV	AMELIA		VA
448.2250 / 443.2250			
N4QCP	JONESBORO		GA
KD4TAH	FRANKLIN		KY
KS4TO	WADDY		KY
N4ZCM	RALEIGH		NC
W8LG	BECKLEY/BOLT		WV
448.2500 / 443.2500			
KC4JNN	#BISKEY MTN	100.0	GA
KJ4VF	DORTON		KY
N4JEX	CHINA GROVE	136.5	NC
448.2750 / 443.2750			
KC4KLW	ROCKMART	179.9	GA
KF4TLA	ASHEVILLE	103.5	NC
WA4WTX	ROUGEMNT/RED MT	100.0	NC
WA4AWI	LEBANON	107.2	TN
448.3000 / 443.3000			
WB4VNT	ATHENS		GA
KB5DZJ	WIGGINS	167.9	MS
KC4KUL	ARCHDALE		NC
KB4TOH	COLUMBIA	131.8	NC
KC4IEV	SPINDALE	123.0	NC
KA7UEC	COLLIERVILLE	107.2	TN
WA4KJH	GATLBG/COVE MT	127.3	TN
NM8T	OAK HILL		WV
448.3250 / 443.3250			
N4JMD	STOCKBRIDGE		GA
WA4CMO	FRANKFORT		KY
KF4IXK	KERNERSVILLE	131.8	NC
WB3T	BLUEFIELD/ONEIDA	103.5	VA
448.3500 / 443.3500			
N4YYD	FT. MT/CHATSWTH	71.9	GA
K4ULW	LOUISVILLE SW		KY
W5CJR	PETAL		MS
N4JEX	KANNAPOLIS	136.5	NC
ND4N	GRNVLE/PARIS MT		SC
WA4AWI	DEASON	107.2	TN
K4GX	ROGERSVILLE		TN
448.3750 / 443.3750			
KC4AQS	JASPER	100.0	GA
W1IFL	RALEIGH		NC
KF4ZIG	INDEPENDENCE	103.5	VA
448.4000 / 443.4000			
WB4GWA	CONCORD	118.8	GA
WB4GUG	SAURATOWN MT	107.2	NC
AD4DN	WILMINGTON	88.5	NC
AC4WW	AIKEN	107.2	SC
WD4DBJ	CUMBERLAND CITY		TN
WA4QWW	MEMPHIS		TN
448.4250 / 443.4250			
KD4EVB	DRY RIDGE	100.0	KY
KD4RTR	MILLARD		KY
WA1YYN	RES. TRIANGLE PK	156.7	NC
448.4500 / 443.4500			
AE4NU	COX'S CREEK	151.4	KY
KC5LCW	GAUTIER	123.0	MS
N5WXD	WEST POINT		MS
N4VOZ	STATESVILLE		NC
KC4RBA	LYNCHBURG	186.2	VA
448.4750 / 443.4750			
W4EEE	BOGART		GA
KC4COV	FLORENCE	192.8	KY
KE4UIU	CANTON	156.7	NC
W4UNC	CHAPEL HILL	131.8	NC
WZ4SC	FORT MILL		SC
KB8YDD	RICHWOOD		WV
448.5000 / 443.5000			
N4MTA	MARIETTA		GA
KF4BRO	MAYSVILLE	123.0	KY
WB4UBY	META		KY
W5SAR	WAYNESBORO		MS
N5CWH	GILBERT	162.2	SC
KD4CWB	KNOXVILLE		TN
448.5250 / 443.5250			
N4PQR	KNOXVILLE	114.8	GA
KC4KLW	ROME	179.9	GA
N4EUX	LENOIR/CAJAH MT		NC
KD4MJO	SOUTH HILL	100.0	VA
448.5500 / 443.5500			
KE4WLP	GRIFFIN		GA
N4HZX	GRAEFENBURG		KY
W5SAR	WAYNESBORO		MS
KC4XE	ROARING GAP		NC
WB4LRD	CHATTANOOGA		TN
N3ELM	YORKTOWN	100.0	VA
448.5750 / 443.5750			
KD4NTF	CEDARTOWN	107.2	GA
WA4PXV	AIR BELLOWS GAP		NC
KA6UHV	COLLEGEDALE		TN
W4LYR	LEBANON	100.0	TN
KC8AUY	RICHWOOD		WV
448.6000 / 443.6000			
KA5WZY	ATLANTA		GA
KA4UHL	NANCY	100.0	KY
K5HYE	MENDENHALL		MS
N4DWU	MT MITCHELL		NC
W4TLB	BIG SANDY	114.8	TN
W8CXD	FOREST	136.5	VA
448.6250 / 443.6250			
K4MDS	GRAY		GA
KF4OYP	JASPER	100.0	GA
KF4NTQ	GEORGETOWN		KY
W4EUS	RTP		NC
KE4EAN	COWPENS	136.5	SC
KA7UEC	COLLIERVILLE	107.2	TN
AD4QG	EVA		TN
KC4MJN	JAMESTOWN	100.0	TN
WZ8E	BLUEFIELD	100.0	WV
448.6500 / 443.6500			
KC5BMJ	SHELLMAN BLUFF	118.8	GA
N4WJS	OWENSBORO	203.5	KY
K4AIH	ANDRWS/ROBINSVL		NC
KD4WAR	BURNSVILLE		NC
KG4BTN	GREENSBORO	88.5	NC
WA4AXH	NOLENSVILLE		TN
K4UMI	HAMPTON		VA
448.6750 / 443.6750			
AD4LR	PARIS		TN
KD4IBW	SEVIERVILLE	100.0	TN
K4YD	VINTON	107.2	VA
448.7000 / 443.7000			
W4TIY	DALLAS		GA
KY4KY	BROOKS	151.4	KY
W5CJR	HATTIESBURG	136.5	MS
KE4QOX	KVILLE/H POINT	103.5	NC
WA4LBT	LOCUST		NC
N4JEH	ROCKY MOUNT	107.2	NC
K4VVM	BARTLETT	107.2	TN
KB4OTK	LAFOLLETTE		TN
KB8UJG	PRINCETON	123.0	WV
448.7250 / 443.7250			
KB2DZA	CONYERS	77.0	GA
KE5LT	PICAYUNE	179.9	MS
K4GWH	GRAHAM	156.7	NC
KB5YJC	NASHVILLE	107.2	TN
N8SNY	WELCH		WV
448.7500 / 443.7500			
K4GO	COVINGTON	146.2	GA
KC4ZTI	GASTONIA/CRWDR		NC
WB4EDS	ALAMO		TN
WA4OHX	HAMPTON	100.0	VA
448.7750 / 443.7750			
KF4INN	VERSAILLES		KY
WB4SRV	CLAREMONT	118.8	NC
KD4JFN	HAW RIVER	107.2	NC
KF4Y	LAURENS	141.3	SC
KA4MHJ	SPENCER	123.0	TN
448.8000 / 443.8000			
N4NFP	ATLANTA/MARIETTA	118.8	GA
K4MSU	MURRAY	114.8	KY
N5IAT	NATCHEZ		MS
KC4QZL	MORGANTON		NC
W4HNK	SUMMERVILLE		SC
WA1ZMS	BEDFRD/APL ORCH	100.0	VA
W4POX	PORTSMOUTH		VA
KA8OTX	OAK HILL		WV

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

448.8250 / 443.8250			
KD4EVB	FALMOUTH	118.8	KY
KC4KRM	SHELBYVILLE		TN
KF4RMT	BASSETT	107.2	VA
WB4KZI	PETERSBURG		VA
448.8500 / 443.8500			
K4PLM	#WALESKA	192.8	GA
KC4YOZ	DALLAS/CLT	100.0	NC
WA4US	WILMINGTON		NC
KE4OVN	DRESDEN	107.2	TN
KQ4I	DANVILLE		VA
KB8TGK	HUNTINGTON	88.5	WV
448.8750 / 443.8750			
KC4KPW	PINEY KNOB	103.5	NC
KD4KPV	MCKENZIE		TN
W4DUM	WILLIS		VA
W8SP	FAIRMONT		WV
448.9000 / 443.9000			
K4RHJ	FLOWERY BRANCH	100.0	GA
KC4KZT	DAVID	167.9	KY
W4UA	HIGH POINT		NC
W4GWD	GREENWOOD	107.2	SC
KD4HII	CHATTANOOGA		TN
W4KOC	WHITE HOUSE	107.2	TN
448.9250 / 443.9250			
KQ4XL	MONROE	123.0	GA
W4BAB	RINGGOLD		GA
N4EQT	LAWRENCEBURG	107.2	KY
KE4KNZ	MCEWEN		TN
KF4RBR	MOUNTAIN CITY	103.5	TN
KF4AGO	SOUTH BOSTON		VA
448.9500 / 443.9500			
KA4UFM	DECATUR	110.9	GA
KC4TX	CANE VALLEY		KY
WA1YYN	HILLSBOROUGH	114.8	NC
WA4US	WILMINGTON		NC
KC4FV	ARNOLD A.F.B.		TN
KD4OBX	KNOXVILLE		TN
N4ER	MEMPHIS		TN
448.9750 / 443.9750			
KE4BHZ	HAZARD	103.5	KY
WA4WGY	MAYODAN		NC
N4VDE	LIBERTY	103.5	SC
WR3S	LAVERGNE		TN
KA4WJS	ROCKWOOD		TN
N8FIP	WESTON		WV
449.0000 / 444.0000			
WB4QDX	LAWRENCEVILLE	100.0	GA
WD4AFY	#SAVANNAH		GA
AD4RU	IRVINE		KY
KG5YV	CLINTON	100.0	MS
K4JEQ	HICKORY		NC
KI4RK	SELMA		NC
N0YNV	BLYTHEWOOD		SC
WD4BKY	GALLATIN	107.2	TN
KC8IT	MULLENS		WV
449.0250 / 444.0250			
W4CML	LAWRENCEVILLE	127.3	GA
AE4PO	WAYCROSS	141.3	GA
KD4JFN	HIGH POINT	107.2	NC
KC4WHL	HARRIMAN		TN
K4RDK	MEMPHIS		TN
449.0500 / 444.0500			
N4NEQ	ATL/MARIETTA	118.8	GA
KE4NLL	SALYERSVILLE	127.3	KY
KB4PTJ	WILLIAMSBURG	100.0	KY
N4PYI	NASHVILLE	107.2	TN
KB4OLM	STUARTS DRAFT		VA
449.0750 / 444.0750			
AE4GU	CARROLLTON	107.2	GA
KB8SBN	INDEPENDENCE	110.9	KY
KD4BOH	ROCKPORT	77.0	KY
K4CCR	ANDSN MT/DENVER	88.5	NC
KF4TNP	LEWISBURG	107.2	TN
KC4PDQ	MARYVILLE	100.0	TN
KF4ATY	MEMPHIS	107.2	TN
KD4TBC	GRETNA/SMITH MT	123.0	VA
K8OJC	HURRICANE		WV
449.1000 / 444.1000			
W4BKM	MACON		GA
W4WSM	BOWLING GREEN		KY
N4UL	LOUISVILLE	173.8	KY
KB5BRZ	MERIDIAN	131.8	MS
WR4AGC	DURHAM		NC
W4AM	CHATTANOOGA		TN
KE4FH	JOHNSON CITY		TN
KA4JXT	MEMPHIS		TN
KE4CKJ	STAUNTON/EL KNOB	131.8	VA
KB4ZIN	WILLIAMSBURG		VA
N8ILO	PARKERSBURG (OH)		WV
449.1250 / 444.1250			
KE4PVE	PENDERGRASS	100.0	GA
KC4ZY	LEXINGTON		KY
WB4GUG	MCLEANSVILLE		NC
KC4ECD	LAFAYETTE	107.2	TN
KA4JXT	MEMPHIS		TN
N8LVE	BECKLEY		WV
N8RCG	KEYSER	103.5	WV
449.1500 / 444.1500			
W4PME	ATLANTA/BELL	100.0	GA
WB4IVB	MIDDLESBORO	100.0	KY
WD5BJT	CLERMONT HARBR		MS
WB5YCR	NEW ALBANY		MS
K4JDR	CLAYTON	100.0	NC
AG4EI	GASTONIA/CRWDR		NC
W4GL	SUMTER	123.0	SC
AF4TZ	NASHVILLE	107.2	TN
KE4LQY	SIGNAL MT.		TN
KI4ZR	LEXNGTN/ROCK MT.		VA
449.1750 / 444.1750			
KE4PVE	COVINGTON	100.0	GA
KC4COV	FLORENCE	192.8	KY
W4FBC	LILLINGTON	118.8	NC
W2GLJ	GERMANTOWN		TN
WD4ICX	FANCY GAP	107.2	VA
N8FMD	CLARKSBURG	103.5	WV
449.2000 / 444.2000			
WA4DB	#GAINSVILLE	107.2	GA
KR4PF	MARION	100.0	KY
KD4RTR	PIKEVILLE		KY
KE4QEA	#KING/SAURATOWN	100.0	NC
WA4US	WILMINGTON		NC
KF4GHC	COLUMBIA	156.7	SC
KB4YTU	BROWNSVILLE		TN
KD4HII	CHATTANOOGA		TN
N4ARK	NASHVILLE		TN
WB4VWR	ENON		VA
N8ZVK	FLATWOODS		WV
449.2250 / 444.2250			
KE4SJO	WOODSTOCK		GA
K4GWH	GREENSBORO	146.2	NC
N4ARK	NASHVILLE	114.8	TN
WV8AR	CHARLESTON	123.0	WV
449.2500 / 444.2500			
W4BOC	DECATUR		GA
WA4KNI	HENDSVL/BERWLW		NC
N4EWS	LOUISBURG	88.5	NC
K4SER	WILLIAMSTON	131.8	NC
WA4PAJ	BARTLETT		TN
WQ4E	GREENBRIER		TN
WA4TFZ	CHARLOTTESVILLE	151.5	VA
N8ZAR	BUCKHANNON		WV
449.2750 / 444.2750			
KE4BB	CULLODEN	123.0	GA
KF4IFC	CORBIN	79.7	KY
KU4MJ	DAWSON SPRINGS		KY
W4NC	WINSTON-SALEM		NC
W4GZX	CLEVELAND		TN
WA4AXH	LEBANON		TN
W4RDF	ENON	114.8	VA
KC8CSE	DUNMORE	123.0	WV
449.3000 / 444.3000			
KC4GZX	ATHENS/CRAWFORD	127.3	GA
KC4YNY	HOGANSVILLE		GA
WB4ZZD	#LOUISVILLE	156.7	KY
N4DRL	BYHALIA		MS
KC5RC	HEIDELBERG	100.0	MS
KD4JYV	ASHEBORO	118.8	NC
WA4VTX	ELIZABETH CITY	131.8	NC
N4MNH	CHARLESTON		SC
WB4GBI	KNOXVILLE		TN
WA4BZU	NASHVILLE	107.2	TN
K4BW	ACCOMACK	156.7	VA
KI4ZR	LEXINGTON		VA
449.3250 / 444.3250			
KF4BMG	MARIETTA	79.7	GA
WA4BZU	CLARKSVILLE	107.2	TN
KB4KSL	KNOXVILLE		TN
WB3T	ROANOKE	103.5	VA
KA8ZXP	GLENVILLE		WV
449.3500 / 444.3500			
KE4PVE	NEWNAN	100.0	GA
WR4SG	VALDOSTA	141.3	GA
K4CO	WALTON		KY
WB4IKY	GIBSONVILLE	107.2	NC
KR4LO	GRANTSBORO		NC
WD4BKY	GALLATIN	114.8	TN
KD4CLA	PIGEON FORGE	156.7	TN
N4CH	BEDFORD		VA
WB8YST	CHARLESTON	107.2	WV
449.3750 / 444.3750			
KB4IZF	JASPER	103.5	GA
KD4DAR	PIKEVILLE		KY
KB5HAV	PEARL	88.5	MS
N4DTR	FRANKLIN	131.8	NC
KB4WGA	HENDERSON	156.7	NC
KB4YTM	HUNTINGDON		TN
KR4BT	SPARTA	123.0	TN
N4OWU	FANCY GAP	107.2	VA
449.4000 / 444.4000			
WB0QGH	HOG MTN	82.5	GA
KD4YGK	SHEPHERDSVILLE	203.5	KY
KC4COV	WILDER	131.8	KY
WB4YZF	FAYETTEVILLE	100HZ	NC
KC4YOQ	FOREST CITY		NC
WA4KOG	MEMPHIS		TN
N4PYI	MT JULIET		TN
K4EAJ	OAK RIDGE	82.5	TN
N8LVE	ALDERSON/SAM BLK	100.0	WV
449.4250 / 444.4250			
WB4JWM	JULIETTE	156.7	GA
KC4COV	JONESVILLE	118.8	KY
N4ZVN	MONROE	94.8	NC
WA4ISI	ALTAVISTA		VA
KB8TJH	SHIRLEY		WV
449.4500 / 444.4500			
W4DOC	ATLANTA	146.2	GA
KO4OT	SIMPSONVILLE	100.0	KY
KD5AHI	ABERDEEN		MS
KB5LCL	JACKSON	141.3	MS
W4CQ	CHARLOTTE		NC
WR4AGC	HILLSBOROUGH	100.0	NC
N4DTR	WAYNESVILLE		NC
WA4US	WILMINGTON		NC
KB4YTU	BROWNSVILLE		TN
W4CAT	GALLATIN	107.2	TN
WJ9J	SODDY DAISY		TN
W8MOP	BLUEFIELD		VA
449.4750 / 444.4750			
N4CLA	SWEAT MT/MARIETT		GA
KF4QZN	MAMMOTH CAVE	179.9	KY
AD4BI	PIKEVILLE		KY
KG4BTN	GREENSBORO	107.2	NC
N4ZKR	SUMMITVILLE	107.2	TN
AD4ZK	NORFOLK		VA
449.5000 / 444.5000			
W4MM	ALBANY		GA
WB5TUF	ATLANTA		GA
N4BZJ	DALTON	118.8	GA
W5LRG	MERIDIAN	107.2	MS
WD4ICX	LEXINGTON		NC
N4JEH	TARBORO	100.0	NC
K4JP	BRSTL/HOLSTN MT		TN
K4CQ	LYNCHBRG/TOB MT	136.5	VA
W8HYX	HURRICANE		WV
449.5250 / 444.5250			
KD4IEZ	CHESTER	156.7	GA
W4GR	SNELLVILLE	82.5	GA
KJ4VF	GRETHEL		KY
N5NNI	NEW HEBRON		MS
W4RNC	RALEIGH	88.5	NC
WA4ZRS	WAXHAW	94.8	NC
N4LV	MYB BCH/BRKSVIL		SC
KD4IBW	KNOXVILLE	100.0	TN
WA4BGK	NASHVILLE	107.2	TN
449.5500 / 444.5500			
WB4JEH	CONYERS	151.4	GA
K4DC	LEWISPORT		KY
KC4DUU	LEXINGTON		KY
N4GAS	GASTONIA/SPCR MT		NC
KA4BQM	ROANOKE RAPIDS	192.8	NC
NQ4Y	COOKEVILLE	107.2	TN
KF4SCT	MCNAIRY	107.2	TN
WA4PCD	#NASHVILLE		TN
KB4WTP	COPPER RIDGE	103.5	VA
W4QR	HAMPTON	167.9	VA
W4WWQ	LYNCHBURG	136.5	VA
449.5750 / 444.5750			
W4SCR	DOUGLASVILLE	88.5	GA
N4MVY	PHELPS		KY
KC5CLM	PORT GIBSON	141.3	MS
N4HAJ	KINSTON	88.5	NC
K2PJ	MYRTLE BEACH	85.4	SC
W4BBB	KNOXVILLE/RACK	100.0	TN
WA4WCK	NASHVILLE		TN
449.6000 / 444.6000			
W4PSZ	FAYETTEVILLE		GA
WA4NKL	QUITMAN	127.3	GA
KF4WMM	BRUSHY FORK	88.5	KY
N4NMC	LOUISVILLE	151.4	KY
KC4FIE	MADISONVILLE		KY
WA4SJH	SPRINGFIELD		KY
KB5CO	JACKSON	100.0	MS
W4BFB	CHARLOTTE	100.0	NC
KT4YW	NO. CHARLESTON		SC
WB4HAP	KNOX/ENGLSH MT		TN
WC8K	WESTON		WV
449.6250 / 444.6250			
K4EDN	BONAIRE	82.5	GA
W4CBA	CUMMING	123.0	GA
KC5BMJ	KINGSLAND	118.8	GA
W1BPP	MOULTRIE	123.0	GA
KB4QFL	HAWESVILLE		KY
AB5MU	NETTLETON	192.8	MS
N5OCF	RICHTON		MS
WB4DVN	LUMBERTON		NC
WD4EOG	CLEMSON UNIV.	156.7	SC
KD4TUD	JEFFERSON CITY		TN
WA4TOA	NASHVILLE	107.2	TN
WZ8E	BLUEFIELD		VA
KF4LWH	SOUTH BOSTON		VA
449.6500 / 444.6500			
K4YC	IVEY		GA
WB4FUR	STENNIS SPC CEN		MS
N5NBG	WALLS		MS
NE4J	MIDDLESEX	179.9	NC
N4MME	#SALISBURY		NC
WA4US	WILMINGTON		NC
WB4NKM	GREENEVILLE	100.0	TN
W4CAT	SHRT MT/MURFREB	107.2	TN
N4EHJ	RICHMND/CHLTVL		VA
449.6750 / 444.6750			
KC4CBQ	HIAWASSEE	186.2	GA
N4YTR	PEACHTREE CITY	77.0	GA
KC4VYX	ROBINSON CREEK		KY
KF4AWA	SALVISA	203.5	KY
N5PS	GREENVILLE		MS
W4WBT	CHARLOTTE		NC
KE4JDP	#JACKSONVILLE	88.5	NC
W4GS	MYR BCH/CONWAY		SC
WA4PCD	NASHVILLE		TN
WD4MIZ	NORFOLK	107.2	VA
K8WGB	GASSAWAY	123.0	WV
449.7000 / 444.7000			
WB4SBT	BYRON	103.5	GA
WD4LUQ	DALLAS	77.0	GA
KF4BJM	VALDOSTA	141.3	GA
N5KOL	BOWLING GREEN	136.5	KY
NC5Y	JACKSON		MS
KD4BGD	LUMBERTON	114.8	NC
N4JEH	ROCKY MOUNT		NC
AE4GA	STATESVILLE	94.8	NC
K4AU	DANVILE/WHT OAK		VA
N4WWB	GATE CITY		VA
K8LG	MORGANTOWN		WV
449.7250 / 444.7250			
KD4AOZ	WATKINSVILLE	123.0	GA
KY4K	HENDERSON	203.5	KY
KD4MMP	WINSTON-SALEM	107.2	NC
WA4AKM	FRANKLIN	107.2	TN
WB0TMC	JACKSON	107.2	TN
N4CKB	SEVIERVILLE	123.0	TN
KF8FO	LEWISBURG	103.5	WV
449.7500 / 444.7500			
KC4ELV	CONYERS	162.2	GA
N4ZRF	LAKEMONT		GA
KA4MKG	ASHLAND	88.5	KY
KE4AIF	HOPKINSVILLE	103.5	KY
WB9SHH	MONTICELLO		KY
KC4YOT	GASTONIA/CRWDR		NC
KD4JFN	PITTSBORO	146.2	NC
K4TC	HENDERSON		TN
N4PYI	MT JULIET	156.7	TN
WD4KQI	FOREST		VA
449.7750 / 444.7750			
N4NEQ	ATL/MARIETTA	118.8	GA
N4MXC	COCHRAN		GA
N4IWZ	ALLEN	123.0	KY
KC4UPE	NICHOLASVILLE	167.9	KY
K4JDR	CARY	100.0	NC
KR4EX	OLD FORT		NC
WA4RQF	#WALKERTOWN	103.5	NC
WA4AKM	GALLATIN	107.2	TN
KF4UCI	#CHARLOTTEVILLE		VA
WD4KZK	SLINGS GAP	107.2	VA
449.8000 / 444.8000			
WA4ASI	COVINGTON	88.5	GA
W4BEJ	ELIZABETHTOWN	156.7	KY
KB5CO	JACKSON		MS
WB4PMQ	GREENVILLE	131.8	NC
KF4LUC	HICKORY	94.8	NC
K4YEC	REIDSVILLE	107.2	NC
KD4QMS	SOUTHERN PINES	118.8	NC
K0JXI	MEMPHIS		TN
N4PYI	NASHVILLE	110.9	TN
KB4MIC	OILVILLE		VA
WV8B	BECKLEY/OAK HILL		WV
W8CUL	MORGANTOWN		WV
449.8250 / 444.8250			
W4DOC	ATLANTA	146.2	GA
KC4UPE	BEATTYVILLE	192.8	KY
KC4VXR	SALEM	100.0	KY
KB5DSN	AMORY		MS
KF4UY	MT AIRY/FSH PK	100.0	NC
K4GWH	RALEIGH	146.2	NC
K5FE	MEMPHIS	107.2	TN
N4PYI	SMITHVILLE	107.2	TN
WA4ZBP	STAUNTON	131.8	VA
449.8500 / 444.8500			
N4BZJ	DALTON		GA
N4YXL	GREENSBORO	103.5	GA
KF4UM	HINESVILLE		GA
AB5DU	INDIANOLA	136.5	MS
KC5LXF	PINOLA		MS
W4CQ	CHARLOTTE		NC
K4GMP	WILMINGTON	88.5	NC
K7AG	MEMPHIS	107.2	TN
AB4SF	RICHMOND		VA
WD4KZK	ROANOKE/READ MT	107.2	VA
WB8ZER	HUNTINGTON/CHAS	131.8	WV
449.8750 / 444.8750			
KE4UAS	MCDONOUGH	123.0	GA
KC4UPE	SALVISA	167.9	KY
N5HTQ	MCCOMB	100.0	MS
KD4RAA	RALEIGH	100.0	NC
WB4U	WINGATE	127.3	NC
KD4CHL	MT. PLEASANT		SC
KD4UWA	CHAT/MNTLAKE MT	156.7	TN
WA4AKM	NASHVILLE	107.2	TN
KB4WTP	BIG A MTN		VA
449.9000 / 444.9000			
KD4BOO	AUGUSTA		GA
N4KHQ	DAHLONEGA		GA
WB4IVB	CORBIN	100.0	KY
W4YWH	HIGHLAND HEIGHTS	123.0	KY
WD4JMS	NEW BERN	100.0	NC
NE4J	WILSON	179.9	NC
WB4MMI	RAMER		TN
W4LYR	WATERTOWN	100.0	TN
N4XRY	FANCY GAP		VA
N8SCS	BELINGTON	141.3	WV
KE4QOX	LOGAN	107.2	WV
449.9250 / 444.9250			
WA4NNO	ATLANTA		GA
WB4NFG	IRWINTON	77.0	GA
KY4X	GLASGOW		KY
KO4LI	OLIVE HILL		KY
N5PYQ	SOUTHAVEN	107.2	MS
KB4WGA	DURHAM	156.7	NC
K4OBX	HATTERAS ISLAND	131.8	NC
N4XRY	MOUNT AIRY		NC
AC4RZ	EASLEY/SAS MTN	103.5	SC
WA4AKM	COLUMBIA	107.2	TN
N4VIH	DOVER		TN
KD4TZD	KNOXVILLE		TN
WB8BON	ROANOKE/TINKER M		VA
449.9500 / 444.9500			
W4TL	CLERMONT	100.0	GA
WR4MG	PERRY		GA
N4DUE	LEXINGTON		KY
WB5YGI	PHILADELPHIA		MS
N5VGK	TUPELO	192.8	MS
WA1WXL	DALLAS/CHARLTE	136.5	NC
KF4GP	CLARKSVILLE	167.9	TN
W4EYJ	CROSSVILLE	107.2	TN
K4GX	GREENEVILLE		TN
WB4NNE	MEMPHIS		TN
WA4KXV	VIRGINIA BEACH		VA
WB8CQV	SO. CHARLESTON	203.5	WV
449.9750 / 444.9750			
WA4YNZ	ATLANTA		GA
K4TVE	BRUNSWICK		GA
W3LAP	COCHRAN	77.0	GA
WA4YNZ	#CUMMING		GA
KC4QK	ASHLAND	107.2	KY
WB4CWF	NICHOLASVILLE		KY
KE4AQP	ASHEBORO		NC
N4JEH	CASTALIA	107.2	NC
W4YMI	NEWPORT CCARS		NC
KC4ZTJ	POLKVILLE		NC
WM3O	ORANGEBURG		SC
KQ4E	MORRISTOWN		TN
WA4AKM	NASHVILLE	107.2	TN
N4AZJ	PEARISBURG	103.5	VA
443.7750 / 448.7750			
W4RKC	WINCHESTER	146.2	VA
439.2500 / 911.2500			
KA5NOJ	GAUTIER		MS
426.2500 / 923.2500			
K4CQ	LYNCHBURG		VA
439.2500 / 923.2500			
KY4ATV	#LEXINGTON		KY
W4HTB	BOWLING GREEN		KY

CORRECTIONS OR CHANGES

To Have corrections or changes made to your listing, contact your Coordinator. His name is on Page 1

Locating Repeater Sites Accurately for Coordination

-by Don Williams, W4VT, President

SERA has been coordinating repeaters since 1971. It was not until 1979 that technology existed to incorporate geographical coordinates into frequency searches.

At that time, the most common way to determine geographical coordinates was with topographic maps. The average amateur was not knowledgeable about the use of these maps and did not have access to them on a timely basis. Shortcuts were taken and these values may have contained considerable errors. Some Amateurs used the coordinates for the closest airport, while others used the coordinates of the nearest post office. Even some of the data provided by County Surveyors was in error.

Old errors became perpetuated. It is not uncommon, when updating information to copy unchanged values from the previous document if the site has not changed. If the errors were inaccurate to begin with, they remain inaccurate over the years.

Locating repeater sites accurately was not as critical in 1979 because greater spacing between repeaters on the same channel and on an adjacent channel was both possible and necessary. Amateur bands are much more crowded today and the demand for repeaters around metropolitan areas has drastically increased.

As we space systems closer together, having the accurate site location on record becomes much more important. Errors could cause us to coordinate a new repeater too close to an existing one causing interference to both systems. Also, inaccurate data could cause usable frequencies for new systems to be overlooked.

Today's technology provides simple solutions to this problem. If a GPS receiver is available, it can be taken to the site for an accurate reading.

But there is an even easier way. If one can provide SERA with a street address, or with directions to the site location, we can find it on a map, and use our computer software to determine correct geographic coordinates.

Another area where we frequently find errors is with the height above sea level. These errors have been perpetuated for the same reasons as the geographic coordinates. Once we can find your site on a map, we can accurately obtain your ground elevation above sea level. This location must be accurate-within 1 second of latitude and longitude.

As we update repeater coordinations, we are checking this information for accuracy. Accurate information will avoid problems for your system and others.

Your SERA coordinator will accept corrections to previously reported coordinates without requiring re-coordination providing that you state that it is a correction and not a move.

-Adapted from the November 2000 Indiana Repeater Council membership letter.

Bluefield (WV) VE Team No More

-By Don Williams, W4VT

After more than sixteen years of administering amateur radio examinations the Bluefield Volunteer Examiner Team, has ceased operations. During those years the team, administered approximately 85 examination sessions to almost 1,000 examinees.

The team, affiliated with W5YI-VEC, began in 1984 with a mandate to provide quarterly volunteer examinations when the FCC initiated the VE program. Most of the exams were held at the Bluefield State College and about 15 Bluefield hamfest sessions.

At that time the ARRL was not a VEC. One of those first Bluefield examiners, Don Williams, W4VT of Bluefield, VA, (who is the president of SERA), has been active with the team for the entire time, serving as Contact Volunteer Examiner (CVE) for the first several years. He was certified by W5YI-VEC on July 30, 1984, as an examiner. Wayne Grim, WJ8U, who lives in Pulaski, VA, has continued as CVE following the relinquishment of the position by Williams.

In 1997 the team sponsored a web site, with links to assist amateurs.

It is expected that the East River ARC of Bluefield, affialiated with ARRL-VEC will take over the examination schedule beginning in February. For more information on club's examination plans, check the their web site at www.inetone.net/erarc.

NOTE OUR NEW DATE AND LOCATION!

UPSTATE SC HAMFEST

(Formerly The Greenville SC Hamfest)

Saturday, May 5, 2001

Piedmont Interstate Fairgrounds of Spartanburg, SC

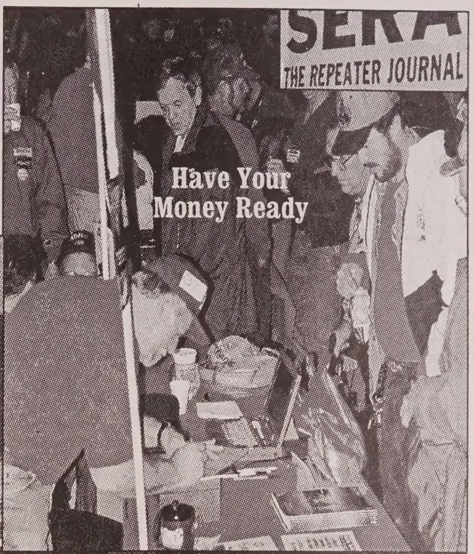
Located at 275 Bishop St., Spartanburg SC, Approx. 3 miles south of Business I-85 Exit 4 (Hearon Cir.)

Large Outdoor Tailgating Area with Easy Access
Indoor Exhibitors Area
WCARS/VEC Sponsored Ham License exams at 12:00 NOON (Off Site)
For Advance Information, Tickets, Tables, SEND SASE to:
Blue Ridge ARS, PO Box 6751, Greenville, SC 29606
General Information: Contact **Bob Watson, W4RGW,** [9am - 8:pm] **(864) 833-2204**
Or by **e-mail: w4rgw@arrl.net**

Proudly Sponsored by the **Blue Ridge Amateur Radio Society Inc**. of Greenville, SC, **with Talk-in on the 146.61 Repeater**

NOTE OUR NEW DATE AND LOCATION

SERA At The Hamfests



Have Your Money Ready

THE REPEATER JOURNAL

That's Right!

Come Join Us!

We offer you a variety of photos of a well attended, successful hamfest. The Johnston County ARS in Benson, NC are proud of their event held each November, boasting some gains each year in attendance. JARS Fest is classified as a small to medium size show. Rain washed out the flea market outside for the most part this past year, so no pictorial coverage is available. We indicated earlier that some of the ingredients to a fun type hamfest was meeting friends and chatting, buying some toys, and eating. We offer some samples. Starting above and going clockwise: ■ Frank, W4FAL and Bob, K4HA answer questions at the SERA Booth. ■ Gary, KN4AQ mans the Raleigh, NC ARS booth. ■ It's a crowd at the SERA booth as Bob, K4HA takes new memberships. To the Right: ■ John, W4CC and Marvin, AA4YW stop and have a friendly chat. ■ Joel and his associate sells some wire. ■ Lynn, WA9DJQ and Wally, WA4KXV sell tickets to the 2001 VA. Beach Hamfest. And below, a busy crowded kitchen where food is passed to many hungry patrons and dealers.

Having A Nice Chat!

How Much Sir!

Sell Some Tickets

Food! Food! Food!

An important Moneymaker at many hamfests is the kitchen. Quality of food, the price, and variety makes a great difference whether the food sales will be successful or a burden. Benson is famous for their on-site chargrilled burgers and hotdogs. Usually they sell out!

THE RF CONNECTION

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213 North Frederick Ave.
Suite 11RJ
Gaithersburg, MD 20877

Complete Selection of MIL-Spec Coax, RF Connectors and Relays

UG-21B/U N Male for RG-213/214 ...... $5.00
UG-21D/U N Male for RG-213/214 ...... $3.25

N Connectors for 9913/Flexi4XL/9096

UG-21B/9913 .. $5.75 Pins Only $1.50
UG-21D/9913 .. $4.00 Extra Gasket ... $0.50

Amphenol 83-1SP-1050 PL-259 .... $0.90
UG-176/U Reducer RG-59/8X. . . 25¢ for 5/$1.00
UG-175/U Reducer RG-58/58A. . 25¢ for 5/$1.00
J&I Silver Teflon PL-259
MIL-Spec .... $1.25 or 10/$10.00

MIL-Spec Coax Available (Teflon, PVC 11A Certified CQ Flexi 4XL811A (Flexible 9913)

International's 9096-2A Low Loss
RG-8 Size, Stranded Center conductor
Same Specs as 9913 . . . 70¢/ft or $59.00/100 ft
RG-8X Clear w/UV Jacket 98% Cu . . $14.00/100/ft

Full Line of AudioConnectors for ICOM, Kenwood, and Yaesu

8 Pin Mike Female $2.00
8-Pin Mike Male Panel $2.50
13-Pin DIN for Kenwood $2.75
8-Pin DIN for ICOM $1.00
8-Pin DIN for Kenwood $1.50
Prices Do Not Include Shipping

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"Specialists in RF Connectors and Coax"
Call for Specials of the Month!
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Info (301) 840-5477
FAX (301) 869-3680

Winston-Salem Hamfest

Saturday - June 9, 2001

Dixie Classic Fair Grounds

ACRES OF TAILGATING SPACE

PAVED TAILGATE AREA

TALK-IN: 146.64 (145.47 ALTERNATE)

http://www.w4nc.org

Directions:

From Greensboro: I-40 to US-52, north on US 52 to Akron Dr., west on Akron to Reynolds Blvd., left on Reynolds Blvd, second left is Shorefair Dr., second right is Deacon Blvd, Hamfest entrance is through Gate 5 on left.

From Statesville or Yadkinville: I-40 E to Cherry St. North on Cherry St. approximately 5 miles to Deacon Blvd., right on Deacon Blvd. Hamfest entrance is through Gate 5 on right.

From Mt. Airy: South on US-52 to University Parkway. Turn right on University Parkway. Follow University Parkway to Deacon Blvd. Left on Deacon Blvd. Hamfest entrance is through Gate 5 on right.

Accommodations:

The Holiday Inn North (336-723-2911) and the Courtyard by Marriott (336-727-1277) are both only 1/2 mile from the Hamfest. The fairgrounds have full RV hookups for only $15.00. Access to site is after 6 PM Friday.

Name ______________________ Call __________

Street ______________________ Phone __________

City ______________________ State ______ Zip __________

______Pre-registration tickets @ $5.00 each	$ __________
______Outside Tailgating @ $3.00 per vehicle	$ __________
______Covered Outdoor Space (space as available - chair is included)	$ Call
______Electricity	$ Call
______RV Hookup @ $15.00 per night	$ __________
TOTAL ENCLOSED	$ __________

Make checks payable to:

Forsyth Amateur Radio Club, Inc.

Mail along with SASE to:

Forsyth Amateur Radio Club, Inc.
PO Box 11361
Winston-Salem, NC 27116

Pre-registrations without SASE or received after June 1 will be held at the gate.

Fairground regulations do not permit the sale of food or beverages by unapproved vendors. No firearms or pornography for sale per local ordinance without prior arrangement. Full RV Hookups are available for $15 adjacent to the tailgating area, available after 6 PM Friday. Self-contained RV's are welcome in the Tailgating area and restrooms will be available. Not responsible for accidents, theft, weather or acts of God.

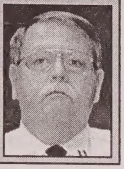
For Dealer Information contact:

w4nc@triad.rr.com

336 723 7388

What is Happening - In South Carolina

Roger Gregory W4RWG
102 Partridge Road
Union, SC 219379
(864) 427-1462
rgregory@carol.net



Hello South Carolina and all!

I hope everyone had a very Merry Christmas and a Happy New Year. I appreciate all the newsletters I have received. Keep them coming and if you don't see your club mentioned, it is because I am not on your club's mailing list for newsletters. If your club doesn't have a newsletter, send me email about what's going on with your club.

* * * * *

The Anderson Radio Club has purchased a used motor home complete with the club's call sign license plate N4AW. I am sure they will enjoy using this for special events such as field day. Keep me informed on the progress of this special project. Send me a picture and I will try to get it in the Journal. The ARC assisted with the Annual Heart Walk on November 11th, and had a program on The Civil Air Patrol. They had their annual Christmas Party on December 3rd. and made a donation to the Prison Fellowship Ministries Angel Tree Christmas outreach program for children of prisoners. This was done as a memorial in the name of deceased club members.

* * * * *

The Blue Ridge Amateur Radio Society had a program on APRS at their October meeting. The program was presented by Phillip-KG4FOZ, and Tommy-K4TWE. I saw Tommy at the Union Hamfest in December. It was good to see you Tommy, send me your news. I was glad to receive the Beauford Wind Scale Chart that was sent to me by the club. I will enjoy using it.

* * * * *

The Charleston Amateur Radio Society had their annual hamfest Saturday, February 3rd. The CARS has VE testing the 3rd Saturday of each month at Trident Tech Campus on Rivers Avenue beginning at 9:00 am. On January 1, 2001 testing fees went to $10.00 per person.

* * * * *

The Cherokee County Amateur Radio Club has started a net each Thursday at 8:30 pm on the 145.470 repeater. If you are in the Gaffney area, check in with them. New members voted into the CCARC are Jim, KT4II and Howard, KD4FEG. Send me your newsletters, Bobby.

* * * * *

The Chester Amateur Radio Emergency Services Club mourns the death of one of its members. Norman Brown, WA4MSV passed away on January 1, 2001 after a sudden illness. Norman was 77 years old, but was very active in the Chester club, and always ready to help with club functions and projects. Norman was a regular visitor on the Union repeater, usually talking to us on the way to work in the mornings, and sometimes in the evenings on the way home from work. He will surely be missed. I extend my sympathy to Norman's family, and to his club family. The CARESC sponsored a blood drive in November conducted by the American Red Cross. On December 16, they helped with the Lowrys Christmas Parade by providing communications and assisting with traffic control. Lowrys is a small community in Chester County. The club is planning a tailgate party in June. More about that in next issue.

* * * * *

The Clemson University Amateur Radio Club has a new president. Past President Jeremy Rudbeck has appointed Bill Glenn as the new president. During the last 3 years as President, Jeremy has led and guided the CUARC to establishing a good reputation with the university and the local community, and provided resources and support for two new members in receiving their amateur radio licenses. The CUARC has regular meetings where they have programs such as repeater operation tips for new hams.

* * * * *

The Columbia Amateur Radio Club assisted with the Juvenile Diabetes Walk on October 15th by providing radio communications. The club has 97 members, which includes 15 family memberships. The CARC plans to remodel the Communications Center at the Red Cross Building in upcoming months.

* * * * *

The Chesterfield County Amateur Radio Society president, Gene Marsh wishes to thank Jack Peques (W4APE) his Technician, Rusty George and others mentioned below, who have worked many hours in linking a repeater system that connects approximately half of South Carolina, part of North Carolina and Northern Georgia. Jack owns the following repeaters, which are linked: Pageland, S.C. 146.895, Cheraw, S.C. 145.490 Lucknow Bishopville,SC 146.925, and Florence, S.C. 147.195. Also, linked into his system are Greelyville, S.C. 145.230 owned by AB Brown, and Conway, S.C. 145.470, owned by Jack Wood. This system works well from Charlotte, N.C. east to Little River, S.C., south to Northern Georgia, and west beyond Columbia, S.C. It's really interesting to be

(Continued on Page 42)

CARY
N4NC
Amateur Radio Club

29TH ANNUAL CARY MID-SUMMER
SWAPFEST

Affiliated Club

New this year: All inside space, improved parking

SATURDAY JULY 21, 2001 - DOORS OPEN AT 8:00AM
TALK-IN ON 145.39 – -- TICKETS $5.00 (ADVANCE $4.00)
DEALERS, PRIZES, EXAMINATIONS, FORUMS

Weapons and pornographic materials may NOT be displayed or sold at the SwapFest site.

PRE-REGISTRATION FORM (POSTMARK BY JULY 10, 2001)

___Pre-registration tickets @ $4.00 ea $______
Name ______________________
___ Tables (6') @ $10.00 ea $______
Address ______________________
TOTAL ENCLOSED $______
City__________State___Zip________ Call ______________________

Mail to: Cary Amateur Radio Club, PO Box 53, Cary, NC 27512
INCLUDE S.A.S.E. (No S.A.S.E - Tickets held at door)

South Carolina News- From Pg.41

able to use a Handy Talkie in Chesterfield, S.C. and talk to a ham in Charleston, S.C. I don't think these folks get the recognition they deserve considering all the time, patience, hard work, and MONEY put into these repeaters that give us hour after hour of enjoyment. I'm sure everyone that reads this article will agree with, and say THANK YOU, for all the hard work. Send me your club's news at w4rwg@sera.org.

* * * * *

The Foothills Amateur Radio Club had a very nice article published in their local newspaper. Tommy Ellison, club president talks about hams assisting in emergencies ranging from natural disasters to search and rescue. He mentions skywarn training and the club's involvement with the Pickens County Emergency Preparedness Division. The Pickens County EOC is equipped with vhf, uhf, and 75 meter equipment. Many of the FARC members are trained weather spotters, and report weather conditions to the Greer Weather Service at the Spartanburg/Greenville Jetport where amateur radio is installed. I want to thank Tommy for the fine article giving ham radio 't's deserved recognition. The FARC is to be commended for their commitment to providing assistance during emergencies.

* * * * *

The Florence Amateur Radio Club has received a donation of a new GE Phoenix 40 watt 2 channel transceiver and 30 amp power supply. This donation was made by Rick Brown, a former member now living in Virgina. The radio will be used with their Automatic Packet Reporting System on 144.39 MHz. Many thanks to Rick for this donation. The FARC had 22 of their 37 members present at their November meeting. I think that's great! Let me know what you do to have such fine attendance. Thanks for the great newsletters.

* * * * *

The Grand Strand Amateur Radio Club has announced that since canceling their 2000 Beach Fest, they have decided to and have scheduled their Beach Fest for November 10, 2001 at the former Myrtle Beach Air Force Base. I am glad they decided to continue this hamfest. It gives us hams in the upstate a reason to take our families to the beach. While the ladies shop, the guys go to the hamfest. Jim Wood is the GSARC president, and former hamfest chairman. I am sure they will have a great show again. This was one of my favorites. Several of us from Union are marking our calendars now to attend. The GSARC holds a net each night at 9:30 pm on the 145.470 repeater which is linked to several others in the low country. For more information on Beach Fest 2001 check out www.w4gs.org

* * * * *

The Greenwood Amateur Radio Society had it'd annual Hamfest on January 13, 2001 at the Greenwood Civic Center. If you were there, I was the one selling memberships to the SouthEastern Repeater Association. I have special feelings about the Greenwood hamfest. This was the first hamfest I attended way back in 1993. The hamfest bug bit me there and I haven't been the same since. GARS, send me your newsletters at w4rwg@sera.org

* * * * *

The Keowee Toxaway Amateur Radio Club has made improvements to their 53.590 repeater and site. The antenna has been relocated on the tower clearing up dead spots toward Greenville. Thanks to Randall-KU4OL, the road to the repeater site was paved making the journey up the mountain much less exciting. Plans are to link their 6 meter repeater with their 2 meter repeater 147.270 so that either machine can be linked to the other. The KTARC had John Murray-W3BAG as guest speaker for their November meeting. John, formally from Washington, D.C. is communications officer for Oconee County. He spoke on how Hams can help or hinder. The KTARC held their annual Christmas dinner on December 19th at the Western Sizzlin in Clemson. A great time was had by all.

* * * * *

The Salkehatchie Amateur Radio Society hamfest will be held this year on April 28th starting at 8:00 am in Windsor, S.C. directions can be found on the club's website www.qsl.net/kf4cvo. The 147.030 repeater is now linked with the low country repeater system for their net. The SARS welcomes new members Kimberly and Ray Smith, KG4JHB, KF4GYP of Cope, S.C. New officers for 2001 are Joe-KG4GLA, President; Joel-K4JMV, Vice President; and Ray-WA4OMN , Secretary / Treasurer. The SARS meets the 2nd Tuesday at 7:30pm at the Barnwell County Emergency Operations Center

* * * * *

The Spartanburg Amateur Radio Club has new officers for 2001. Art-KE4EAN, President; Craig-KV4EE, Vice President; Ora-K4WUJ, Secretary; Karen-KF4BLF, Treasurer; Ernest-KF4HAJ, Program Chairman; Lester-KF4GGM, Special Events; Maxie-N4ENQ, News Letter Editor; Ken-NO4D, Webmaster; and Jim-N4ULE, Fritz-W4NTO, and Charles-K4LNO Board Members at Large. Fritz-W4NTO was also elected a life member. The Spartanburg Amateur Radio Club conducts VE Testing the 2nd Tuesday night in February, April, June, August, and October. Since I just received my ARRL VE appointment, I plan to help them in February.

* * * * *

The Sumter Amateur Radio Association sponsors several repeaters in the Sumter area. Their flagship repeater is 147.015+, PL 156.7Hz (only when necessary due to interference). This repeater is located on a TV tower with the receive and transmit antenna at 800 feet. Additionally they have 146.640- and 224.12- (linked) with gateways to 10M and 6M FM simplex. These are located atop the tallest building in Sumter County. UHF is on 444.150-, PL123Hz with just a bit smaller coverage area. They operate a packet BBS on 145.71, with features including a call book server and TCP/IP access. Although not an official S.A.R.A. repeater, many members make use of the ATV repeater belonging to WZ4O (Hap). The output is on 421.250 and input on 439.250 with audio only input also available on 144.34. You can monitor the output with an antenna connected to a TV tuned to cable channel 57. Join us for an informal roundtable every Sunday evening after the net. Aim your antenna at the Sumter County Office Building. (copied from webpage) Send me your news at w4rwg@sera.org.

* * * * *

The Union County Amateur Radio Club wishes to thank all that attended their hamfest this year. When you hear of clubs discontinuing their hamfests for lack of interest, poor attendance or other reasons, it is a good feeling to know that Union is doing well. The dealers as well as those attending had a good time and are marking their calendars for 2001. I want to thank Maxi-N4ENQ, Ora-K4WUJ, and Marshall-W4MLH for their assistance with the SERA table this year at Union. This was the first time the SERA was represented at the Union Hamfest. This allowed me the time I needed to make sure other things at the hamfest were being taken care of. They sold 22 new SERA memberships at the hamfest and Maxi sold 5 more after leaving the hamfest making a total of 27 for Union, SC. Marshall, has a new call sign W4MLH. Congratulations Marshall. The UCARC held it's annual Christmas Dinner/ Meeting at the Blue Ocean Fish Camp in Clinton, SC on December 12th. That's about it for now since I am writing this on Christmas Eve and my family says it is time for me to do other things.

* * * * *

Would you like to see news from your club in the journal? Send it to w4rwg@sera.org.

RRRRRoger on That!

Roger has South Carolina Covered
Send Him Your News for next issue!

SARS Tailgate Party 2001!

Sponsored by: Salkehatchie Amateur Radio Society

When: April 28, 2001 starting at 8:00 AM
Where: Windsor Community Center (Windsor, SC)
Talk-In: 147.030 (+) PL Tone will be turned off

VE Exams (WCARS) ◆ ARRL Officials, including Les Shattuck, K4NK (Vice Director of Roanoke Division) ◆ Radio Raffles ◆ Great Food ◆ Vendors ◆ Plenty of Tailgating Space ◆ ARRL Sanctioned Hamfest

50/50 Cash Raffle

Radio / Cash Raffle. Your choice between an ADI-AR 147 Plus, or $200 Cash!!

Admission is Free!

If you're Tailgating, the cost is $5 per Table. Tables will be sold inside only, and are in limited number. So let us know ASAP if you'll need one!

Directions to our hamfest is on the club's website at:

www.qsl.net/kf4cvo

TAILGATE 2001 is an ARRL Sanctioned Hamfest!

If You need any more Information, Please Contact

Adam Hoffman, AF4QZ
P.O. Box 93
Bamberg, SC 29003
Phone: (803) 245-4673
Email: AF4QZ@arrl.net

Or

Joe Keenan, KG4GLA
P.O. Box 1231
Barnwell, SC 29812
Phone: (803) 259-1685

TCHNICAL ADVICE

kb4yfv@hotmail.com

-by Randy McKenzie

Check out your mobile!

Lets take a look at our mobile operation for safety and better operation.

My regular article, "Get the Hammer" this issue covers the installation of the equipment, now lets cover some preventive maintenance on what you have.

Road salt, water, and road grime will find their way into our antennas and the engine compartment. First lets raise the hood and look around. Check the battery terminals. They should be tight. Your power cable for the rig should be on a fuse or breaker. Check for corrosion. Wires should be routed away from anything moving or gets hot and sealed with silicone where they go thru the firewall.

Check your antenna mounts. Most of us use a base loaded type. Unscrew the base and look for corrosion or water. The center contact should be cleaned with a soft wire brush. The mount should be clean. Many times water will leave a greyish film around the base. Rust may be cleaned, but a new mount would be recommended. The coil should be clean inside. Corrosion or rust is trouble. The whip is usually stainless steel. Some of you may use some coils that have water problems. The water enters between the top metal ring and the plastic shell that covers the coil. To fix this, use clear silicone wiped around the top of the coil, filling in the crack. Wipe off the excess.

Larsen, Maxrad and others use a small metal tab for the center pin on the coils. The tab should be clean and have some spring to it. Pull the tab down a bit to ensure a good contact. If it is corroded, try scraping it with a knife. Be careful!!

After everything is clean and tight, lets check the SWR. I prefer a MFJ analyzer, but a watt meter will do the same. The MFJ is better because it not only tells me the SWR, but the frequency that the antenna is resonant.

We want as near ZERO reflected power, but sometimes because of the mount or location, it will not be. Never use anything over 1.5 to 1! Low band antennas (6 meters) can be a real pain. They want larger ground planes. The higher the frequency (440 and up) are more forgiving. The MFJ has saved me hundreds of hours on low band antennas. The watt meter only shows reflected power. You have to experiment to see which way the whip needs to go. A quick trick here is to take solder, make a few wraps around the top of the whip and extend the length an inch. This lengthens the whip which LOWERS the resonant freq. If the SWR drops, then the whip is too short. If the SWR increases, and the original SWR was lower, then the whip is too long. When in doubt, see if you can borrow a MFJ analyzer. It is perfect for 2 meters and down. I wish I had one for 440!

HF mobile creates a real challenge. I have a antenna mounted on the rear bumper of my service truck. It loads and works great. For corrosion around the copper connector, use some WD-40 and a wire brush. My only problem, I should have mounted it on the passenger side. Why? Some drive-thru windows have a roof only over the driver side. The whip has gotten caught there. A few minutes now may save our rigs from premature death. Good operation begins with good installation.

Morristown TN Hamfest
LAKEWAY A.R.C.

Some of the Morristown, TN Hamfest Committee are all smiles as they filled their site with tables and hams at the January hamfest. Mike Fawbush, KF4JOZ, Earl Hickle, KE4ZJC, Mark Johnson, KF4FTG and Mike Patterson, KF4FTD all worked hard with fellow club members.

Dayton Hamvention

BY BUS

We're going to the 2001 Dayton Hamvention by bus again this year. We invite any of you Repeater Journal readers to be a part of it all. Every Ham Radio Operator should visit the MASSIVE unforgettable Dayton Hamvention at least once. Just ask anyone that has ever been.

Our chartered bus will leave Greensboro, NC (from Four Seasons) on Thursday, May 17th at 8:00 AM, with pickups in Kernersville, NC, Winston-Salem, NC, Mt. Airy, NC and Hillsville, VA. We will return Sunday May 20th at about 5:00 PM.

SIGN UP NOW!

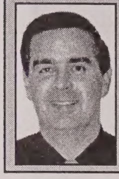
The bus will seat 56 persons, is air conditioned and equipped with a bathroom and a VCR with 5 monitors. The cost per person will be determined on the number that signs up, of course, but it usually runs in the neighborhood of $150 (which includes motel room for 3 nights based on double occupancy, and the bus). Single occupancy will be more. A $50 deposit is required by March 1st with the balance due by April 15th.

Complete the form below and mail with your deposit to:

Bill Lundy, NC4BL
151 Brady Johnson Ln.
Mount Airy, NC 27030-7606
Phone (336) 320-2135 ● Email: nc4bl@surry.net

Name ____________________ Call ________ Phone (   )________
Address ____________________ Email ____________________
City ____________________ State __________ Zip __________

Tennessee News
From the West



Rickey Brown, KE4CES
2214 N. Highland Ave.
Jackson, TN 38305
RickeyLynnBrown@hotmail.com

(Editor's Note: Rickey Brown, KE4CES has assumed duties of writing for Western Tennessee - replacing Bob Gault, KD4NEC who is now writing for Eastern Tennessee.)

When asked if I would be interested in serving the SERA membership as your West Tennessee Coorespondent I gladly accepted this wonderful opportunity. Please allow me to briefly tell you a little about myself and invite you, your club, repeater association to start sending me your news and activities. From club officer elections, hamfest dates, or special awards, we want to share with the entire membership of SERA.

My writing and public information experience started about 25 years ago as PIO for the Selmer-McNairy County CB radio club. From then after obtaining my amateur ticket, I have served as local PIO for the Jackson Amateur Radio Club, West Tennessee Amateur Radio Society, and recently as state PIC for the ARRL. My current plans have been to contact as many clubs, amateurs, and repeater groups as possible in the area and encouraged you to share with me anything you think may be news worthly to the membership.

I am 41 years old, married to Tonya Gay, KE4JUY, two sons, Austin 11, and Andrew 9; work as Health Officer for the City of Jackson and own and operate the Hub City Amateur Radio Association repeater group of 442.900 MHz. My door and e-mail is always open, looking forward to hearing from you each and every month. Please feel free to contact me anytime I may be of service to you,,

* * * * *

The West Tennessee Amateur Radio Society held it's 3rd annual Christmas dinner at Brooksie's Barn and turned out to be a wonderful evening of fun, food and door prizes for everyone! These guys continue to lead in providing monthly training and educational opportunties for amateurs and their families. Both local governments have recognized their efforts in sponsoring the "severe weather spotters class" each October in Jackson by bringing in representatives from the national weather service from Memphis.

FREE! HAMFEST LISTINGS

To list your Confirmed Hamfest Date
In the Journal - Contact the Editor

Spotlight Your "STUFF" Here - $30 per Block/Per Year (4 issues)

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The Oak Ridge ARC Invites you to our -
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October 13, 2001
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INFO: d.bower@ieee.org

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DFMA Meets Second Tuesdays at 6 PM
147.225: Home of the "Possum Trot Net"
6:15 - 7:15 AM Monday - Friday

RARSFest 2001

Hamfest & Computer Fair

Sunday, April 8th, 2001

8:00 am to 4:00 pm

www.rars.org/hamfest

TALK IN

146.64

Jim Graham Building
NC State Fairgrounds
Raleigh, NC
$5.00 Pre-registeration
$6.00 at the door
Free Parking!
No Smoking/No Pets

Hamfest Prizes

FOUR ICOM 207-H's :

ICOM 207-H Dual Band mobile given away *on the hour* between 11 AM and 2 PM !!

ICOM 706 MkIIG HF Transceiver

CASH preregistration prize of $125

You need not be present to win the above prizes.

Special Interest Meetings

ARRL Forum with Roanoke Division staff, MARS, NTS, ARES forums. **Times will be announced at the Hamfest. No DXCC QSL card checking this year.**

Check www.rars.org/hamfest for updates

Hamfest Contests

Cash Prizes: **Homebrew Contest,** and get in on the fun of the **QLF & QBH Contests** where you compete to send the best and clearest CW with your **Left Foot** and **Both Hips**! Call for contest details. *Rick Merkle KA3PSK, (919) 835-0970*

Amateur Radio Exams

Walk-in registration and testing begin promptly at 10:00 AM in meeting room #2 at the Jim Graham building. You must show a picture ID to register. Bring the original and a photocopy of present license, and/or any certificates for completed elements. Cost for exam is $10.

Questions? Contact: ***Charlie Brown W4VFJ (919) 556-8551***
email: W4VFJ@aol.com *(Exam information only, please).*

Indoor Fleamarket

110,000 sq. ft. vehicle-accessible indoor (only) space! Regular fleamarket and vendor area space: each 8' table with 2 chairs is $14.00 (tables ordered after March 31st will be $15). 120-Volt AC power is $15.00 per connection (bring your own extension cords). **Fairgrounds regulations prohibit weapons, pornographic material and pets in the Jim Graham building. No food or drink may be sold or donated by attendees in the hamfest building at any time.**

Contact:
Hank Montgomery K4HM, (919) 577-1254 email k4hm@arrl.net

Dealer Space

Fully-equipped dealer booths are available in the designated dealer area at reasonable cost. For further information, contact:

Chuck Littlewood K4HF, (919) 872-6555
email k4hf@arrl.net

- **RARSfest Social Saturday Night**

Pre-registration Form (Must be received by March 31st, 2001)

Print clearly, include S.A.S.E. or tickets will be held at the west door. Make checks payable to "RARSfest"

Name:____________________ Call:________

Address:____________________________

City:______________ State:____ Zip:________

Phone:____________________

____ Pre-registration tickets @ $5.00 ea $________
age 12 and under free

____ Tables w/two chairs @ $14.00 ea. $________
Tables sold after March 31st are $15.00 ea.
No discount for multiple tables.

____ 120-Volt AC power @ $15.00/connection $________

Total enclosed $________

NO PETS PERMITTED IN
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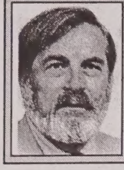
Mail to: **Hank Montgomery K4HM, 5045 Allanbrooke Lane, Fuquay-Varina, NC 27526**

North Carolina - News -



GENE FEGELY, K3EJG
k3ejg@sera.org
115 RANDOMWOOD LANE
NEW BERN, NC 28562

Well, welcome to the real new Century. I hope your celebrations and holidays were as pleasant as some of our clubs reported.

* * * * *

The Guilford AS shared their Christmas by collecting cans of non-perishable food for Urban Ministries. President John Shultz, K4JBS; and Roy Smith, N4BYU, coordinated the efforts. The club also has ordered club jackets with a custom logo, so look for members from this active group at hamfests and community service projects.

Along with sharing their Christmas party, the Greensboro ARA also shared the trip to Mt. Mitchell with GAS. Over 30 people enjoyed the best weather, good food and fun (including an exploding bag of potato chips) at the 4500-foot elevation, reported Raymond Gibson, K4RGH.

* * * * *

Shelby ARC showed they have more activities than running the 'Grandaddy of them All Hamfest" as they assisted in a snowy Christmas parade with the Uptown Shelby Association. Bill Bridges, N4WH; Jerry Hamby, KD4OWK; Al Whatley, KD4PDM; Adam and Keith Queen, W4KQ; braved the shortened event.

* * * * *

Mecklenburg ARS President Shawn Goodin, K4RSG, reported an impressive community volunteer total of over 1000 man-hours for his club. Public service events were the MS-150 rides, Senior Games, Special Olympics, March of Dimes, Multiple Sclerosis Society, American Diabetes Association, and the Crop Walk.

Special recognition was given to Elena Maya-Scott, KS4OX; John White, WB3NHQ; Jeff Blythe, KA4WYC; and Mary Hunt, N4MH. Shawn was proud to note the MS and ADA efforts assisted in exceeding fund-raising goals.

* * * * *

Forsyth ARC not only gave, but also received. The club called for members to bring gifts for the children at Brenner's Hospital, but also received three grants from the RJR Foundation. To celebrate RJR's 125 Anniversary, the company awarded $1000 grants to 125 employees for their volunteer community service.

Club members Van Key, KC4WSK; David Flemming, KE4JHJ; and Don Edwards, WB4KQN; all elected the FARC as their organization of choice for the grants.

All three, with President Russell (Woody) Kinney, KF4PLQ, were honored at a reception in November at RJR Plaza.

* * * * *

Stanly County ARC outgoing President Paul Robinette, KD4OZI, outlined the many activities of the year 2000, but the one which caught my trivia mind is the 67 'meet and eats' which were official, not the impromptu. He suggested maybe the club should buy into or open a restaurant!

Christmas activities included message handling at the Mall, and communications for the Albemarle Christmas Parade. Don Aldridge, AE4AH, and Chip Senn, KG4DWT, worked the front and end of the parade which had over 159 entrees.

* * * * *

Ham of the Year awards were also featured at Christmas dinners. Bernie Nobles, WA4MOK, was presented the award by Kinston ARS President Ron Knapp, W9EF. Bernie is an Eastern NC SEC and has been instrumental in installing emergency antennas in the area.

* * * * *

The Brightleaf ARC HOTY went to Pat Sutton, KD4NNA, for an outstanding job as Field Day Chairman, announced Mike Langley, KD4MTT. Other awards were presented to Elmer of the Year, Murray Merner, K4MHM; OM of the Year, Jim Smith, KF4VHH; YL of the Year, Bonnie Pulver, KG4CZW; and New Ham of the Year, Tod LeMoine, KG4CCX.

* * * * *

Union County ARS reports on a success operation with the Boy Scout Jamboree on the Air. Scoutmaster Tim Hunter, KF4MJY; Johnny Knight, WB4U; Steve Patterson, WA3RTC; set up the station, with Rick Crider, KD4FXA; and Paul Closius, KM4AB; helping to operate on Saturday. Robbie Dale, KT4TF, provided the generator and assisted all weekend.

* * * * *

The Tar River ARC assisted the Edgecombe County EOC with installation of antennas and radios on a cold December morning, reported Fred Winner, KE4LXW. Other participants were: Bruce Batchlor, N4XUN; Marvin Catlett, KD4LNX; Phil Cockrell, KG4EEA; Rick Hasal, KF4NOV; Adam Ipock, KG4IWI; Lonnie Pridgen, WB4BZZ; Jeremy winner, KF4CDF; and Christopher Winner, KF4AUU.

* * * * *

Before I forget it, congratulations to Raleigh ARS for again taking the 8A Field Day category, as reported by Jeff Wittich, AC4ZO, in an interesting approach in the eXmitter. I recommend checking out their web page, <www.rars.org/news>, or contact Editor Gary Pearce, KN4AQ, to see about subscribing, if possible. The publication is worth joining the club, if necessary.

* * * * *

The Brightleaf ARC HOTY went to Pat Sutton, KD4NNA, for an outstanding job as Field Day Chairman, announced Mike Langley, KD4MTT. Other awards were presented to Elmer of the Year, Murray Merner, K4MHM; OM of the Year, Jim Smith, KF4VHH; YL of the Year, Bonnie Pulver, KG4CZW; and New Ham of the Year, Tod LeMoine, KG4CCX.

Southern West Virginia News

-by Abb Starr N8IBK <n8ibk@eastky.net>

Sorry we missed the last issue of the journal with our news. Recently we saw the ARRL QST come out with the SET scores. I'm proud to announce the Mingo Co. ARES group scored #1 in West Virginia.

October saw the annual picnic with a good group attending. A ham radio class was taught by the area hams with all attending passing and have now moved up the Amateur Radio ladder.

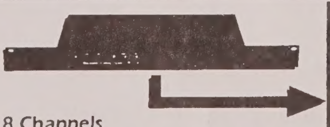
Our annual Christmas Angel drive start started in November. Each year our area hams including Logan, Mcdowell, Mingo, and Wyoming Counties go out gather, solicit and get donations, which we later present to the Salvation Army for the children in the area.

The scores for Field Day 2000 were announced in December. Again this year under the call of KT8J the group scored #1 in WV. The month was also a busy month for the area hams in southern West Virginia. Nets which were linked with other machines in the area to the newly established Southern Mountain Amateur Radio Club, on frequency 146.655 with a 203.5 tone. To help get Ham radio more active in these counties, Mcdowell County (EC) Philip Lucian KC8HGY put togeter a weather spotters class for basic, and advance class. This group is on the move and ready for any weather related emergency that might occur.

Logan County, once one of the most recgonized ham radio clubs in the state is trying to get things back up to speed by opening up their nets on 146.970 (tone 100) by linking to the other machines in our area with their own net control KC8GVF Jonathon Pack. The nets are Thursday nights at 9:00 pm.

Mingo, McDowell, Logan counties annual SET was held on Dec. 6th. An earth quake was the subject of the SET as 26 sites were set up and manned by the ham radio operators,in conjuction with the Salvation Army and the American Red Cross. Over 190 test messages were passed on VHF & HF during the exercise. Mark Miller KB8KDR, EC and District 8 EC wishes to thank all those who played a part of this readiness practice.

Web site for the Logan County Radio group is www.qsl.net/lcarc



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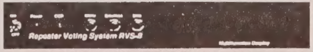

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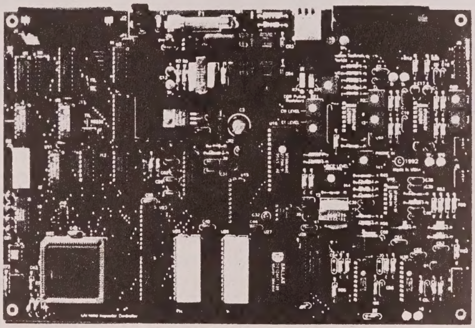

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Getting Started

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CARY, NC 27513

Doing Good by Keying Up

This column is about Public Service. Or as I call it, Doing Good by Keying Up. Would you like to wake up early, or stay up late, use your radios and radio skills hard all day, not get paid a dime, and feel really good about it? Of course you would! But before you sign on the dotted line, you might want a little more detail.

And I'll admit that this is a recruiting campaign. The guys who organize Public Service communications in your area need you. There are never enough hams willing and able to help. I figure that some of you would join up, show up for the training you need, and participate if you knew a little more about it. So here's some basic training. Unfortunately, I can't be too specific. Each area does it a little differently. This is a broad-brush. Read this, then find your local operation and learn how it works.

OK, the big picture: What is 'Public Service'? Well, yeah, helping out the public with your radio and all, but I can be a little more specific. First, I'm going to split things up in two categories. Then I'm going to mix them all back together.

The two categories are: Emergency - Not an Emergency

EMERGENCY

The emergency side of the house includes operations like ARES, RACES, and SKYWARN. You can tell this is emergency stuff because everything is in capital letters. What we're doing here is providing backup communications to several agencies in the event their communications fail or become overloaded. We're also providing information on conditions out in the field. Let's look a little deeper at those three programs.

ARES initials mean Amateur Radio Emergency Service. It's an ARRL program that's organized at the county level and state level. In your county, it might be a part of a radio club, or it might be independent. And it might be a strong, active group with a good training program, or it might be a weak shell, barely hanging on through the efforts of one or two people. Either way, they need you.

When you're working with ARES, you might find yourself at the radio room of the county EOC (Emergency Operations Center), at a Red Cross shelter, at the field command post or staging area for some kind of incident, at a hospital, fire station, or anywhere else communications are needed.

The top guy for ARES in the county is the Emergency Coordinator (EC). If you're looking to get involved, this is the person you want to talk to. The EC will probably have several assistants. Above the EC is the Section Emergency Coordinator (SEC). He or she is the top Amateur Radio emergency official in the state. There might be another layer or two of management between the EC's and the SEC in your state.

RACES is the Radio Amateur Civil Emergency Service. The job of ARES and RACES is pretty much the same provide emergency communications. The difference is that RACES is specifically addressed in the FCC rules, while ARES is not. RACES operates under the authority of local and state civil defense, and Amateurs registered in RACES can stay on the air (to perform RACES functions) when regular Amateur Radio has been shut down. That would be during a war, and it hasn't happened since WWII.

RACES has lots of limitations there are restrictions on what kinds of traffic RACES stations can send, how much they can test and drill outside actual emergencies, and what frequencies they can use if the rest of Amateur Radio has been shut down in war. But RACES has one major advantage funding. A RACES operation can qualify for grants from the feds (typically FEMA), and maybe state and local government, depending on how the rules are written.

Because of these limitations, most Amateur Radio emergency communications takes place under the ARES banner. In many areas the ARES hams are all also registered with RACES, and can operate under the RACES rules if that ever becomes necessary. They're really the same people, same leaders, reporting to the same government agencies.

Except when they're not. In some counties, the hams have decided to forego ARES and establish only a RACES operation. And in some counties, you'll find separate ARES and RACES groups competing with each other. This may be because the hams in the area think this is the best way to go, or it may be the result of disagreements, clashing egos, power struggles and hurt feelings. If you're a new ham and find yourself in one of those situations, you might have to make a difficult choice.

SKYWARN is an ARES program in most areas, and you're probably already familiar with it. Hams working with SKYWARN are called "spotters", and their job is to report weather conditions directly to the National Weather Service. This is probably the easiest public service operation to join. You see severe weather... you report it on a SKYWARN net. The National Weather Service conducts spotter training classes in many areas, often in cooperation with ham radio clubs. Some areas issue 'spotter numbers' or other identification.

While ARES, RACES and SKYWARN are the most common local activities for Amateurs interested in emergency communications, there are a few others for regional or worldwide work. The Hurricane Net is one example, although your participation will be limited to listening unless you live in the path of a hurricane. Hams forward predictions from the National Hurricane Center to agencies in the path of hurricanes (typically Caribbean islands and coastal countries and states), and relay reports of hurricane weather and damage back to the center.

SATERN, the Salvation Army Team Emergency Radio Network, is another example. SATERN provides communication for relief efforts worldwide during and following disasters.

A good reference for all this activity is the ARRL Public Service Manual. It's available free on the ARRL web site.

NOT AN EMERGENCY

I have a problem here. Hams have provided communications assistance to non-profit groups, charities and such for years. We've helped groups like the March of Dimes, the National MS Society and American Diabetes Association with fundraisers, typically walks and bike rides. But what do we call it? Yes, it's Public Service, but it seems like we ought to have a name to distinguish it from the emergency communications we do. I've racked my brain, and haven't come up with a good name.

Well, the ARRL just solved my problem. They're lumping this activity into the category "Special Events." This is new - so new that I had to revise this article for our Editor after he has already typeset it! I was going to complain that this activity flies below the ARRL's RADAR, and is not mentioned in their Public Service Manual. But they've just published a new "Special Events Communications Manual" on their web page (http://www.arrl.org:/FandES/field/spevman/). It's very detailed, and obviously written by someone with a lot of experience.

I still have a complaint. I don't like calling this "Special Event" communications. Special Event stations are already well known in ham

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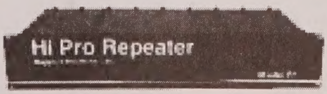

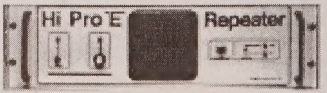

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GOOD FOR THE NEW HAM *Getting Started*

radio as on-air operation associated with some public event... but not logistics communication for the event itself. Well, you can't fight city hall. Let's see if the name takes off.

STRADDLING THE LINE

One activity clearly plants a foot on both sides of the line - the National Traffic System (NTS). NTS hams spend a few hours a day or week relaying messages around the country. Most of the time, the content of the messages is routine: happy birthday, Merry Christmas, congratulations on your new job. The messages usually come from the hams themselves, or people they know, because the general public is not familiar with the Amateur message system, and they already have easy, fast and cheap communications tools like the telephone, post office and internet.

But the routine traffic handled by NTS is really just practice for the times when disaster takes those cheap and easy tools down. Then NTS works with ARES to form the practiced and tested circuits for passing messages on behalf of state and local government, agencies like the Red Cross, and individuals.

NTS hams handle what's called 'formal message traffic'. I think this scares off many hams, making NTS the haven for old timers, an almost underground, invisible arm of emergency communications. The 'how-to' of message traffic has enough detail for a column of its own, but it isn't that tough. It's just a standardized way of addressing and sending brief messages that help ensure that the message arrives where it's supposed to with great accuracy. (Attention traffic handlers: we've tested the system, and found significant errors in NTS messages sent from North Carolina to Maryland. These weren't 'trick' messages, just routine traffic with dates and times for travel that arrived wrong! What's up?)

KNITTING IT BACK TOGETHER

So we've got emergency communications, and not-an-emergency communications, and never the twain do meet, right? Of course they meet! In fact, they are quite complimentary. Here's how.

First, it's the same people. The ham manning a rest stop on a bike tour is probably the same ham manning an EOC or command post during a disaster.

Second, one is great practice for the other. In an emergency, you may be stationed in a field location, relying on your mobile or handheld to link you and the people you're helping back to civilization. You may be using your radio hard, on a busy frequency, and you have to learn how to fit your request for emergency supplies into the system. I'm trying not to say "fight your way in", but sometimes that's really what it is. That is exactly what you're doing when you're driving a SAG Wagon on that bike tour, on a rural road, miles from the nearest phone (maybe even out of cell phone coverage). And that rider you just found who flipped over the handlebars and broke a collarbone is really an emergency, isn't she?

Or you may be net control. Being the traffic cop for dozens of hams on a busy repeater takes the same skill whether it's a triathlon or ARES activation. You've got the logistics of getting hams where they're needed, and getting their traffic from point A to point B quickly and smoothly.

So why doesn't ARES handle all the Public Service communication in the county, both emergency and not? Well, some EC's hold firmly to the notion that ARES is for emergencies (and emergency-oriented drills). I haven't met any who think that hams shouldn't be helping the Special Olympics or Kidney Foundation, but it's not an ARES job, they say. But in other counties, that's exactly what happens. ARES does all the public service. You'll have to see how it is in your area. You may find ARES doing the emergencies, and a club leading the way on Special Events.

WHAT DO WE DO? HOW DO WE DO IT?

OK, I've talked a lot about structure, and not much about the nitty-gritty of getting on the scene, grabbing the mic, squeezing the PTT button, and saying... what?

Here's where we encounter what I call the burning building problem. I'm afraid that many hams get interested in Pubic Service because they think it will be exciting. You go running into the burning building with your HT blaring, saving the day somehow. Well, once in a great while, it's like that. But don't count on it.

Last fall, we brought a bunch of new hams down to the North Carolina State EOC in Raleigh for some training as part of the statewide SET (Simulated Emergency Test). These guys got bombed with traffic from all corners of the state, all directed to the state's emergency managers. Some messages were routine (send cots, water, food), and some were fanciful (send canoes, no paddles). They came as fast as the operators could write them down, and they didn't stop for hours. It created a real interest in handling message traffic around here. These new hams were pretty excited.

A few weeks later, we had a real winter storm activation. It looked like much of the state could see 12 or more inches of snow, something North Carolina is poorly equipped to handle outside the mountains. The EOC activated, hams arrived... and sat. We were on the air with other ARES hams from around the state, but there was no traffic. Emergency management's phones, microwaves, VHF radios and satellite radios all worked fine. Most of the state didn't get the predicted snow. And there was nothing for the hams to do. We had prepared for a 48 hour activation, got hams lined up to fill shifts at the EOC, and it was all cancelled during the first shift. Bo-ring!

They also serve who only sit and listen. We say we're there to back up communications systems when they fail or become overloaded. That does happen, but not all that often. I'm just preparing you to be underutilized, until communications really do fail. That's one of the nice things about the non-emergency public service work. There, YOU ARE the communications link, and you're much more likely to be busy.

Busy... doing what? Let's look at one of the bigger events around here - a triathlon staged as a fundraiser for the Duke University Liver Center. Several hundred athletes were going to swim over a mile, run over 12 miles, and then bike about 50 miles. Along the way there are race officials monitoring the progress, water stops and first aid, and SAG Wagons to pick up people who are injured or just too tired to finish (SAG means Support and Gear).

First, we assign 'shadow' operators to some of the key personnel. This event is scattered over many miles, and the organizers need to be able to talk to each other. They could use cell phones, though much of the territory is rural and coverage is poor. But mostly cell phones are slow. And expensive, unless they're donated. VHF-FM Amateur Radios served by a nearby repeater are really ideal, and provide a service not duplicated by anything available in the commercial world.

Next, hams are stationed at the water stops and with the first aid teams. We helped the organizers move people around when some volunteers didn't show up, and got supplies distributed better when they found most runners bypassed the first water station, and were really thirsty at the second one. The hams at the water stops passed the assessment on to the logistics guy's shadow, and a call went to the ham in the supply truck to have them move some water from station one to station two. No rocket science here, just basic radio communication.

If you want real excitement, you might get it with the medical teams.

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GOOD FOR THE NEW HAM

Getting Started

The bike riders ride in tight packs to take advantage of the 'draft' - the reduced wind resistance you get with someone right in front of you. At almost every event, this results in an accident, usually a broken bone, and an injured rider in at least a little shock, exposed to the weather and needing help quickly. Sometimes a SAG wagon will find the rider first. More often, other riders will report the injury to the next water stop. The location is often unclear. The ham at the water stop passes the best information he can get to the SAG Coordinator. SAG Wagons are dispatched to find the injured rider, and a medical team is sent to the scene, all communicating through ham radio. An event official will want to arrive, too, and he's up-to-date since he's been monitoring it all thru the ham radio. If it's serious enough, the medics will call for an ambulance. They might use a cell phone, or they might need to pass the request over the ham channels.

Directing all the activity is a net control station. That's a feature that ties just about all public service work together. They all operate as nets, with a net control directing traffic. Your local, weekly or nightly ragchew net is good practice for net operation.

As you operate these events, you begin to understand the capabilities of your equipment, and you gain skill in getting messages across on a busy repeater. You find that you can't leave home in the morning with one half-dead battery in your HT and expect to provide many hours worth of communication. You learn to work with people who have no idea what you and your radio can do for them. You learn tricks that make the job more efficient, like using 'tactical' identification instead of lots of callsigns ("Net Control, this is Medic 2"... but don't forget to use your ham call at the end of an exchange to keep it legal).

BLESS THE LEADERS

None of this happens by itself. In most counties and communities, there are a few hams willing to take the leadership roles. The EC, the club Public Service Director, the RACES officer. These hams make commitments on behalf of Amateur Radio. They say "we'll be there" to emergency management, the Red Cross, the charity event coordinator who asked for help. Then, they live in stark terror as they ask for your participation at a club meeting or on a net. The fear lasts until they've filled all the positions they promised... or at least enough to get by. That is to say, until you volunteer.

CRITICAL THINKING

Amateur Radio public service communications are worthwhile. They do provide a needed service to the community, and that's part of the reason we have our spectrum (you knew that lecture was coming). Closer to home, it probably hasn't been long since someone near you wrote a letter to the owner of a commercial tower, or spoke before a city council or county board meeting, or wrote a letter to a congressman. They were asking for space for a repeater, or a less-restrictive tower ordinance, or a federal regulation favorable to the service. And in that letter or speech they talked about public service, and all the wonderful things that we do. I suppose they didn't mention that less then one in ten hams actually does this work, but then that would be counterproductive (and you knew that lecture was coming, too).

But that doesn't mean we shouldn't look critically at what we are asked to do. I've participated at events where it was clear that the hams were just talking to each other, and the event sponsors were not getting any benefit from our presence. I've seen hams spend so much time on their own logistics that little communication time was spent on the client's traffic. And I've seen us stay too long at the EOC - hours beyond the real need - time spent by people who were taking time off from work and family. These things happen when we haven't planned our mission in advance, and haven't practiced it. They can discourage future participation. But they're almost inevitable early in the game.

BLESS YOU, TOO

Around Raleigh/Durham, we've been experiencing a renaissance of sorts in Public Service participation. It rises and falls with the energy and enthusiasm of the leaders, and in 2000 we've gotten some real energetic leaders, and lots of participation. And at the end of the long days, I see lots of big smiles and hear lots of comments about how much fun people have had, and how they'll surely be back next year.

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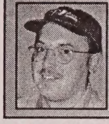

Randy McKenzie, KB4YFV
3661 AIRPORT RD.
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kb4yfv@hotmail.com

Mobile Whips and Power Tools

We hams love our mobiles. Most all of us have at least ONE rig installed.

Some have every band covered, as well as every spare patch of sheet metal! Others have the HF bands covered with some sort of multi-element, every band, auto-tune, 500 megawatt amp, vertically challenged whip on the back of a YUGO. No matter the band or rig, lets explore what we have and how to make it better.

Lets begin at the power source. I recommend a +12 volt line from the battery, to a breaker or fuse, then thru the firewall, and to the rig. So many times the tap into the fuse panel is NOT good enough. NEVER NEVER NEVER EVER RUN A WIRE FROM THE BATTERY THRU THE FIRE WALL WITHOUT A FUSE AT THE BATTERY!!!!! The small nick on the wire, a small spark afterward, and we have BAR-B-Q! Always use a fuse as close to the battery as possible. Now that we have the fuse installed, go ahead and buy a run of #8 stranded wire. A smaller wire will do if your using low power rig. A run of # 8 stranded for the ground is also a good idea. NO FUSE IN THE GROUND. Some manufacturers are doing this and the reason to me is not very clear, but install the radio per their instructions on this.

Now that we have power, lets look at where the rig sits. Mounted in a bracket, easy to reach, and perfect angle to see the display? Not in the new cars! They seem to have forgotten that people need legroom and area under the dash . . . Pick the location carefully. The perfect place for me in no good when my wife needs to move the seat. I'm 6'1" and Mary is 5'2". Another idea is to mount a small rig inside a compartment. The Chevy S10 has an armrest with space inside for a dualbander. The main idea in location is operation. Can you operate the radio WITHOUT running off the road? Cell phone too? If you have no area for screws, try large velcro strips.

Now the fun part. Mounting the antenna. The best place for is the center of the roof. Best radiation, ground plane, etc. The second best place is the center of the trunk deck. Third to me is the driver side fender. Fourth, and mainly for HF is the rear bumper. Each location works, but you should think things thru BEFORE drilling holes. That new Sears drill doesn't care about the hole in your roof that continues through the headliner! Think about safety! Does the antenna block your view for safe driving? Any wires or hoses in the way? How will the coax be routed? Think about this.

Roof mounted antennas require running the cable between the roof and headliner. Pull some trim and look around. Some vehicles have double liners that create some fun. Also look how to run the coax down to the rig. An easy place to do this is behind the plastic trim where the seatbelts are. Make sure nothing interferes with the seatbelts!!! Leave some slack along the way too. An extra foot of RG58 will never be noticed by the RF.

Trunk mount and fender mount use the same ideas as the roof but have some others tricks. The trunk has to open. Cable tie the coax to the trunk arm, with some slack to allow free movement of the trunk lid. Then route the coax to the front by openings behind the rear seat, then along the trim on the passenger side. Look carefully how the trim is attached to keep a screw from cutting the coax. Fender mounts are best with a "L" bracket. This makes a mounting place for the antenna with only 3 screw holes inside the hood edge.

Make sure here that the coax is not chaffed when the hood opens, and that the coax is NOT routed near anything moving or gets hot. Cable ties will save the day. The coax will go through the firewall too, so be sure to seal around the coax to prevent water from splashing inside. I like silicone because it is waterproof and flexible.

Now that we have our power connected, and antenna mounted, I want to pass along some things that get people in trouble with mobile rigs. SOLDER the PL259! Many a rig has been destroyed by a bad connector. I think a requirement for every ham should be to put a PL259 on! Use good crimp connectors and crimp tools! So many times I have found that a poor crimp causes intermittent problems. Use a good crimp tool that has a good solid "punch" to press the ring into the wire. If in doubt about your crimp, solder it! I always solder a crimp terminal if possible. A soldered joint will be reliable! NEVER run power or coax under floor mats! Route ALL cables around the edge of the carpet and floor mats. The pressure of feet, plus the movement of the vehicle will rub through the insulation and cause a cut or short to chassis! Avoid sharp edges too. The firewall and plastic trim may cut into the cables.

There are many other ideas to mount your mobile gear, but let me step upon the soapbox again: THINK SAFETY! Your driving should be your first priority. Bragging about that HF contact will be hard to do from six feet under! Many of my recommendations are from observations. The State Police has antennas mounted on the roof, as well as three on the trunk deck. VDOT uses roof or fender mounts. All work well, and have advantages and disadvantages. VDOT has hundreds of trucks that had the power wires for the radio routed under the floor mat on the drivers side. A little time, vibration, and salt makes for a corroded wire!

Plan your installation carefully. If you are not comfortable with drilling, soldering, and pulling your vehicle apart, then ask a friend or have a local radio shop install for you. Watch what they do, and help if you can. . . You might learn something!

Got a Simple Technical Topic You want Randy to Cover?
Email him at: kb4yfv@hotmail.com

Financial Report - by Johnny Wofford, WA4ETE

TREASURER - SOUTHEASTERN REPEATER ASSN., INC.

1/1/00 Through 12/30/00

Categor;y Description	1/1/00 3/30/00	3/30/00 6/30/00	6/30/00 9/30/00	9/30/00 12/30/00	Overall Total
INCOME					
S-Adv	4565.85	4877.5	7118.75	1964.75	18526.85
S-ARRL Royalty	2214	0	0	0	2214
S-Assoc	952	6761	6556.5	806	15075.5
S-Donation	0	34	0	0	34
S-Full	3405	1455	292.5	6472.5	11625
S-HOTP-Pre-Paid	12.5	275	193.77	6.25	487.52
S-Interest	238.07	314.56	115.62	0	668.25
S-Miscellaneous Income	0	0.64	0	0	0.64
S-N.C.-TAX-Ref	716.49	0	886.18	0	1602.67
S-RJsales	368	492	887	27	1774
S-Shirts	0	0	0	68	68
TOTAL INCOME	12471.91	14209.7	16050.32	9344.5	52076.43
EXPENSES					
S-Bank Charges	5153.6	69.99	4.5	8	5236.09
S-Bounced	16	0	0	8	24
S-Jour-Postage	1312.73	1249.79	1293.62	0	3856.14
S-Jour-Print	6595.38	5970.38	6020.38	6491.49	25077.63
S-Lodging	2073.74	1662.89	0	0	3736.63
S-Mail Serv.	298.96	303.44	302.15	339.12	1243.67
S-Office	-388.79	1063.6	155.16	270.31	1100.28
S-Phone:					
S-ISP	0	0	0	21.95	21.95
S-Journal's Internet	39.9	0	83.8	21.95	145.65
S-Long Distance	0	0	35.69	37.79	73.48
S-Watts	39.46	70.77	85.66	0	195.89
S-Phone-Other	317.2	235.15	336.81	202.9	1092.06
TOTAL S-Phone	396.56	305.92	541.96	284.59	1529.03
S-Postage	24.24	12	66.65	269.22	372.11
S-Promotional	269.5	191.76	7.99	391.91	861.16
S-Repair	0	2878.45	49.98	0	2928.43
S-Salary	688.7	0	179.23	0	867.93
S-Shipping	151.05	0	55.75	129	335.8
S-Tax	428.72	292.45	289.97	309	1320.14
S-Travel	0	216.83	90.17	0	307
TOTAL EXPENSES	17020.39	14217.5	9057.51	8500.64	48796.04
TOTAL INCOME - EXPENSES	-4548.48	-7.8	6992.81	843.86	3280.39
Current Account Balances			Bank Account		$11,873.71
			CD # 1		$14,000.00
			CD # 2		$10,000.00
			Cd # 3		$6,501.00
			Savings Account		$6,141.78
			Total Resources		**$48,516.49**

Tennessee News From the East

Bob Gault, KD4NEC
221 Cedarwood Trail
Cleveland, TN 37312
bgault@wingnet.net

Greetings East Tennessee!

The last four years I have covered parts of east, middle and west Tennessee but will now devote my entire attention to the east half of the state. Ricky Brown, KE4CES, who has been a regular contributor to my columns, has agreed to cover the western part of the state. His first column appears in this issue of the Journal. Good luck Rickey!

With the changes, several clubs I have been covering will need to begin sending their news to Rickey. That means I'm acquiring some new territory. So Knoxville, the Tri-Cities, Chattanooga and everywhere in between, this is your column so send in news of your club or amateur organization for our next issue.

* * * * *

The Middle Tennessee Amateur Radio Society did an A+ job providing communications at the annual Tullahoma Christmas parade. Looks like they were well prepared for the event - making sure their net control was warm! Their Hamfest is March 24.

* * * * *

An article MTARS submitted to their local newspaper on School Day caught the local Girl Scouts attention. They asked the club for a program about amateur radio. As a public service organization, any publicity you receive is a benefit reaching your goals.

* * * * *

The National Weather Service in Morristown was one of the forecast offices across the country that took part in December's second annual Amateur Radio Special Event. Over 70 N-W-S offices and hams across East Tennessee joined in as a way to improve relations between weather service forecasters and those they work with during severe weather season. It also gave the forecasters some time behind the mike.

* * * * *

The WD4OAR repeater on White Oak Mountain north of Chattanooga is now linked to several machines in middle Tennessee. The repeater on 442.925 (107.2 tone) has a remote base allowing access to 145.410 Monteagle Mountain; 145.230 Lavernge / Smyrna; 145.370 North Nashville; 146.640 West Nashville; 147.360 Short Mountain; 224.260 Short Mountain; and 442.100 Lewisburg. That gives coverage across much of middle Tennessee stretching across the Kentucky line.

* * * * *

The Stones River Amateur Radio Club, K4FUN, invites you to visit their web page at http://members.home.net/srarc. You will find many interesting links plus perhaps the largest YL link page around.

Officers for 2001 are President John Leone K4KNO, Vice President Cathy Leone KF4VLU, Secretary Jim Hall WB4OFM, Treasurer Perry Ogletree K4PWO and Public Information Officer Jim Hall WB4OFM. Meetings are held in Murfreesboro at the Rutherford County Rescue Squad Building on the first Thursday of each month. Everyone is welcome and they hope to see you there!

* * * * *

The Delta Amateur Radio Club has it's meetings at the Ellendale Church of Christ on Highway 70 in Memphis the second Tuesday of the month at 7:00 p.m. They have V-E testing. Registration begins at 5:30 P.M. and testing promptly at 6:00 P.M. Please remember to bring two forms of identification and copies of any existing licenses or CSCE's you might have. Please be on time for registration, as you will not be allowed to enter the testing session after 6:00 p.m. This is to allow our volunteer VE team to finish in time to attend the club meeting. For more VE testing information contact Joan Thorne, KN4PM, VEC.

* * * * *

Kathy Troughton, KE4UYU, outgoing President of the Delta Club, recognized several club members for their contributions during 2000. Receiving awards were: Steve Campbell, KF4LUR, who received a Presidential Citation for going the extra mile.

The Newcomer of the Year Award went to David Smith, KF4PFY, David assisted at several club functions this year including Dixiefest and Field Day.

Joan Thorne, KN4PM, is the Delta Club's Ham of the Year. She has served as V-E liaison for the last four years and made significant contributions to the club through the year.

The Marconi Award recognizes technical excellence. Receiving the award this year is Ken Gregg, K4DIT, who serves as Director of Publications. Tommy Thompson, KD4TJO, received the Bob Youngblood Award. Named in honor of a dedicated club member who became a silent key in 1998, Thompson was chosen for his constant dedication to the hobby and devotion to the club.

* * * * *

Delta officers elected for 2001 are Tom Richardson, K4TTA, President; Terry Cox, KB4KA, Vice President; Whit Crowley, KD4LTR, Treasurer; Ben Troughton, KU4AW, Secretary; Ken Gregg, K4DIT, Director of Publications; Freddy Bratton, KF4ZGJ, Director of Training; Gary Blinckmann, WA2IQC,Director of Programs; and Arlene Cline, AA5GX, Director of Meetings and Special Events.

* * * * *

Chattanooga hams elected their leadership for the year. They are President Joe Anderson, WA4MKA; Vice President Tom Wolfe, K4CMY; Secretary Dennis Tate, KF4VBD; Treasurer Jack Green, AD4LP; Hamfest Chairman Barbarra Gregory, WA4RMC; and Newsletter Editor Charlie Curle, AD4F.

* * * * *

The Middle East Tennessee Emergency Radio Services, or METERS, is an organization of amateur radio emergency communicators who receive training so they can respond to communication emergencies within Knox County and secondarily Middle and East Tennessee. Meetings are held at Ramsey's Cafeteria on White Avenue in Knoxville, just behind the UT Law Library. They are held every 4th Tuesday 6:30 PM for business and 7:00 PM for training sessions. METERS members automatically becomes members of both ARES and RACES.

Keep the e-mail coming. -Bob, KD4NEC

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DJ-190T - 2-M HT Large Display, No Pad, 2 Watts

DJ-191TH 2-Meter HT, 5 Watts

DJ-G5T(H) 2/70 Dual-Band HT, 5-W

DR-140T 2-Meter Mobile, 50 Watts

DR-150T 2-Meter Mobile, 50 Watts

DR-605T 2/70 Dual-Band Mobile, 50 W

DR-610T 2/70 Deluxe D.B. Mob. 50 W

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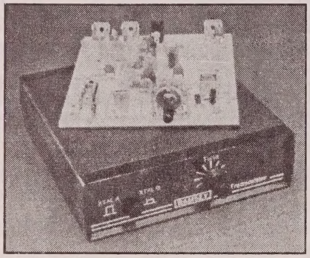

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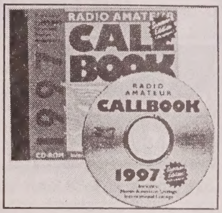

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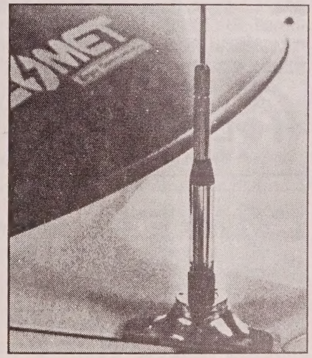

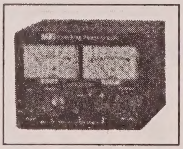

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Editorial Comment -

(Continued from Page 1)

This is good news for the repeater sponsors who have worked for years to have clean, coordinated systems, and have been sensitive to the needs of the amateur community.

Since 1986, SERA has had an official procedure for handling interference cases. It obviously starts with the repeater sponsors. If they are receiving interference they should document all occurances, note time, dates, and who.

Repeater owners are encouraged to make every effort to handle interference complaints between themselves and another repeater system.

If the problem cannot be solved, then both sponsors can ask SERA to step in and attempt to solve the solution. Both complainants should have proper documentation.

SERA is not available to handle your complaint for you, at the first sign of any type interference. It is the repeater owners responsibility to make every effort to get the problem worked out themselves first. SERA is called in as a last resort, prior to ultimately, if necessary filing the complaint with the FCC.

The SERA website contains much information about Coordination, Interference, and how to handle each. Every repeater owner should have a copy of the SERA Coordination Policy and Guidelines (CP&G)- which pretty much explains what should be done in about every possible scenario.

Specifically, Interference Policies are contained within our CP&G, Policy 19. At our site: www.sera.org/ CP&G.html

From what we are seeing now, the FCC is going to underscore their statement which put coordinators on the map to begin with - "in cases of interference between an uncoordinated repeater and a coordinated repeater, the uncoordinated licensee bears primary responsibility for resolving the problem."

Another interesting note too is the Commission asked several of those repeater owners for their Coordination Papers. So it seems to be in the best interest of Repeater owners to be totally safe - first, get coordinated if you can, and then keep a good copy of your "Official Coordination" paperwork.

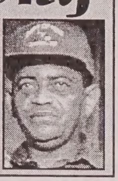
It just might save you a lot of work someday if the FCC comes calling.

SERA provides free service to over 2,400 repeaters in the 8 Southeastern states within our umbrella of membership. Coordination, technical help, and information through the Repeater Journal is part of the driving force we have lived under for the past 30 years.

It is a much welcomed news, that the FCC is finally recognizing that many coordination organizations are doing a pretty good job, and are need backing by the Commission to accomplish the chore of keeping our repeater bands clear of interference as much as possible.

-Wayne, C. Williams, K4MOB, Editor

Kentucky
Happenings



FRED JONES
WA4SWF
wa4swf@foothills.net
511 LACKEY AVENUE
LOUISA, KY 41230

Our report this issue deals with a group's attempts to get a statewide linking system.

District No. 9, a 10 county area in Eastern KY is trying to get at least 8 counties linked via UHF to all of the 2 meter repeaters. Ed Caudill KB4SQI the District Emergency Coordinator and Paul Conley KE4NLL Magoffin County E. C. are heading this up.

On January 20, a meeting of the repeater owners in Paintsville to get this matter worked out and a plan for our ARES communications during emergencies was scheduled. If you have linking or hub systems in your area please let us know how you are connecting your systems.

* * * * *

Now what we need to do is find out what type of repeaters, controllers and links that everyone has, so that we can get everyone up and running and we can have our ARES net that will be covering more than some 8 counties. Here is what we have going at present in the proposed system.

146.895 is ready to-go, can link to UHF
145.190 is ready to go with CAT-1000
145.270 is the main hub
146.700 Bill has a CAT 1000
145.390 has a CAT-500 ready

I don't know if the repeaters in Ashland are going to try and make the link system or not.

I'm sending out a request for everyone in these areas, to send me back the linking information about their repeaters so we will know exactly what type of equipment each site has and we will know what we have to work with.

P.D. Conley KE4NLL
Magoffin County Emergency Coordinator
Email: ke4nll@arrl.net
Website: http://www.qsl.net/ke4nll/

* * * * *

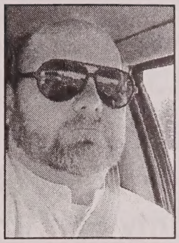
The Big Sandy Amateur Radio Club will have its hamfest May 5, 2001 at the Lawrence County Middle School same as last year. We are still working on details about it now and you are welcome to contact me as the hamfest chairman with any of your questions.

Last issue the Journal editor had a very good article about hamfesting in general. I hope each of you will put your local area show down on your calendar. We must support them with our attendance - they need our help to continue on for years to come

I guess it is a good thing to get to get to your favorite show early because most hamfests anymore don't last much over 4 hours.

Message from the MS Director

-by Steve Grantham, N5DWU
MS Director < n5dwu@sera.org >



Steve Grantham, N5DWU

Many of you will know that repeater coordination is a rather detailed process that involves a good deal of paperwork and correspondence, all of which are a part of the record documenting a repeater coordination. With the resignation and departure of our most recent District Vice-Director, I am now personally handling all district repeater coordination queries and applications. I am committed to the tasks at hand, however I am not retired so I do have a limited resource of available time. Therefore, I am once again looking for individuals who have a willingness to volunteer some of their time and effort to assist in the process. It is my goal to make the process open to any associate and full members who have a sincere desire to participate and who can exhibit an ability to follow through. In order to be most effective, applicants for assistant should be equipped with a personal computer and Internet service as most intra and interstate coordinator communications now take place via email. I am looking for applicants from anywhere within the State of Mississippi. There is no particular requirement that any applicant have prior experience with coordination, as training and online consultation is being made available.

Coordination specific software and data will be made available to approved appointees.

Anyone interested in this type volunteer work within Amateur Radio are invited to contact me. My mailing address and phone is listed on Page 1.

It's Coming - The Biggest - The Best! The 2001 - 45th Annual

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The SERA Repeater Journal 2001

VE/VEC EXAMINATION SCHEDULE

This schedule is published free as a public service of SERA in the February issue of the Repeater Journal. Newly updated schedules have been supplied by the individual VEC/VE teams for the year. Examinees are urged to email or call numbers listed to verify schedules before planning to attend an examination. The Repeater Journal assumes no responsibility for erronious or outdated listings.

NORTH CAROLINA

ASHEBORO (S. Randolph Cty.) (W4VEC)

VE Exams held at 10:00 AM on 4th Saturday of every odd month at 10:00 AM at the Randolph County Public Library. Talk in on 147.255+. For more information contact: Mike Lamb, NC4ML of Seagrove. (336) 873-7175 after 1:00 PM or < nc4ml@W4VEC.com >

BISCOE (Montgomery Cty.) (W4VEC)

VE Exams held at 10:00 AM on the 4th Saturday of the months of February, June and October at the Good Old Boy's Club House behind the Presbyterian Church in Biscoe. Talk-in 147.09+. For more information contact: Mike Lamb, NC4ML of Seagrove. (336) 873-7175 after 1:00 PM or < nc4ml@W4VEC.com >

CARTHAGE (Moore Cty.) (W4VEC)

VE Exams held at 10:00 AM on 4th Saturday of the months of April, August and December at the Moore Co. Public Library in Carthage. Talkin 147.24+. For more information contact: Mike Lamb, NC4ML of Seagrove. (336) 873-7175 after 1:00 PM or <nc4ml@W4VEC.com >

CHARLOTTE (ARRL-VEC)

VE exams are administered by the Mecklenburg VE team of Charlotte at 9:00 AM at the East Baptist Church, 6850 East Monroe Rd, Charlotte. The 2001 schedule is Feb., 10, May 12, Aug., 11 & Nov. 10. For additional info, call (704) 948-7373 < mary.hunt@worldnet.att.net >

ELKIN HAMFEST (W4VEC)

Walk-in exams will be given at 10:00 at the Hamfest site on Feb. 11. Contact Rick Batte, N4MBI at < n4mbi@ols.net > Call at (336) 924-1881 or Grady White, WB4YBC at <wb4ybc@aol.com > or (336) 661-1123.

GREENSBORO (W5YI-VEC)

The Greensboro W5YI VE team administers walk-in exams on the 3rd Thursday of odd number months. All classes of licenses are administered. Exams are held at Guilford Cty. EMS Building Training Room on Meadowood at intersection of Wendover Ave W and Meadwood Dr. For more info call (336) 288-3635 between 7 & 9 PM Mon-Thur. < clayno@nc-cap.org >

HIGH POINT (W4VEC)

Exams given at Creekside Park in Archdale. For exact building locations and times, Contact Bob Williams, KB4TWG at (336) 861-7576 evenings until 9PM or email robwilliams@north-state.net. Note locations and times may vary in the park. Tentative schedule: Feb., 10, Mar. 10, Apr., 14, May, 12, Jul., 14, Aug., 11, Sep., 8, Oct. 13, Nov. 10.

NOTE: As needed on individual group basis Exams are offered by W4VEC-VEC. Contact Jim Williamson, NQ4T at w4vec@aol.com or (336) 841-7576.

LEXINGTON (W4VEC)

Walk-in exams at 9:00 a.m. at City of Lexington Recreation Center, Rm. 2, at 512 South Hargrave St. Contact Rae Everhart, K4SWN, (336) 249-8734 or raef@lexcominc.net. Talkin 31-91. April 28 - Spring Natl'l Exam Day and Sept. 29 - Fall National Exam Day.

ROCKY MOUNT (ARRL-VEC)

The Tar River ARC holds exams at the JC Penny Conference room at Golden East Crossing Mall, Hwy 43 & US 301 in Rocky Mt. beginning at 9:00 AM Schedule is Mar. 24, May 26, Jul. 28, Sep. 22 & Nov. 24. For more info contact Bill Thomas, N2BT at (252) 442-6131 or email wpthomas@prodigy.net

SALISBURY (W4VEC)

Exams sked for February and October - dates to be announced. Contact Ralph Brown, WB4AQK@salisbury.net or (704) 636-5902

SALISBURY FIRECRACKER HAMFEST (W4VEC)

Exams will be held at the Hamfest site on July 7. For info contact Ralph Brown, WB4AQK at wb4aqk@salisbury.net or (704) 636-5902.

SHALLOTTE (W4VEC)

Exams at Senior Citizen Center on Main St., at 8:00 PM. For info, contact: Vincent Jodice, N4JV, at n2vj@2khiway.net or (910) 579-5416. Feb., 19, Mar., 19, Apr. 16., May 21, Jun., 18, July 16, Aug. 20, Sep. 17, Oct. 15, Nov. 19, Dec. 17.

SMITHFIELD (TEARA VE Team)

The Triangle East ARA of Smithfield holds walk-in exams with registration at 9:30 AM on the 3rd Saturday of each month except July and December at the Smithfield Public Library on Market and 3rd Sts. Talk-in on linked systems - 147.39, (T88.5) - 442.400 or 147.30 (T88.5). Exam dates are Feb., 17, Mar. 17, Apr. 21, May 19, Jun. 16, Aug., 18, Sep. 15, Oct. 20, & Nov. 17. For more info contact any of the following: Norman Young, KA4PUV (919) 269-9392 < normany@mindspring.com > Tom Lewis, W4SIS, <tomlewis27603@yahoo.com > or Holt Thornton,AC4UD (919) 365-6856 < ac4ud@cs.com >

THOMASVILLE (W4VEC)

Exams held on March 31, June 30 & Oct. 20. For locations and dates contact F.L. Warfford, WW4FL at ww4fl@sprintpcs.com (336) 476-2652, or Gary Koontz, KO0NTZ, ko0ntz@arrl.net (336) 853-8590.

WINSTON-SALEM HAMFEST (W4VEC)

Walk-in exams will be held during the Winston-Salem Hamfest on June 9th. They will be held at 10:00 AM at the American Red Cross Building at 690 Coliseum Dr. For info contact Rick Batte, N4MBI at n4mbi@ols.net (336) 924-1881.

WINSTON-SALEM (W4VEC)

Exams are held at the American Red Cross Building 690 Coliseum Drive beside WXII-TV. Schedule is: Mar. 3, Apr. 7, May 5, Jun. 2, Jul. 7, Aug. 4, Sep. 1, Oct. 6, Nov. 3, Dec. 1. For info, contact Rick Batte, N4MBI at n4mbi@ols.net (336) 924-1881.

SOUTH CAROLINA

FORT MILL (W4VEC)

Exams on Feb. 17, Apr. 21, Jun. 16, Aug. 18, Oct. 20 & Dec. 15. For information, contact Coit Morrison, AE4PB at ae4pb@mjsonsite.com (803) 548-3481.

N. CHARLESTON (ARRL VEC)

Walk-in Exams are held every 3rd Saturday at 0900 at Trident Tech on Rivers Ave., South of Ashley Phosphate Road in N. Charleston.

CHARLESTON (WCARS VEC)

Walk-in Exams are held every 3rd Wednesday at 1900 at the Goose Creek Masonic Lodge #401 at 145 St. James St across from BiLo.

MYRTLE BEACH

Walk-in exams will be held at 9:00 AM at the American Red Cross building at the old Myrtle Beach Air Force Base, 2795 Pompas Drive. Exam dates: March 24, May 26, June 28 & Sept. 22. Contact Glen Bowden, W0RXR (843) 293-1613 < HAMNITUP@aol.com

MYRTLE BEACH HAMFEST

A special session of Walk-in exams will be held at 11:00 AM during the Myrtle Beach Hamfest. Contact Glen Bowden, phone and email above for further information.

ROCK HILL (W4VEC)

Exams will be held on Mar. 17, May 19, Jul. 21, Sep. 16, Nov. 17. For information contact Jerry Croft, WS4E at ws4e@cetlink.net (803) 981-5300.

ROCK HILL HAMFEST (W4VEC)

Exams will be given at the Rock Hill hamfest site on Oct. 6. For info, contact Jerry Croft, WS4E, ws4e@cetlink.net (803) 981-5300.

TENNESSEE

KINGSPORT (W4VEC)

To be Announced. check www.w4vec for details.

MURFREESBORO (ARRL-VEC)

The Stones River ARC (K4FUN) sponsors walk-in exams on the 2nd Saturday of Jan., Apr., Jul., and Oct. at the Rutherford County Rescue Squad Bldg. at 1504 West College Street in Murfreesboro. For more info, contact: Mike Boyea, KE4KMG (931) 967-3344 or Roger Hughes, W4IV (615) 893-5623 or visit web page at http://members.home.net/srarc

OAK RIDGE (W4VEC)

Exams held at the Red Cross Bldg. on the Turnpike. Sked: Feb. 10, Mar. 10, Apr. 14, May 12, Jun. 9, Jul. 14, Aug. 11, Sep. 8, Oct. 13, Nov. 10, Dec. 8. Contact Ken Palmer, W4YBY at w4yby@ispchannel.com or (865) 435-4303.

VIRGINIA

MARTINSVILLE (W4VEC)

Exams will be conducted at the Horsepasture Ruritan Bldg, Hwy. 58 West of Martinsville at 7:00 PM on Feb. 6, Apr. 3, Jun. 5, Aug. 7, Oct. 2 & Dec. 4. For info, contact David Gleason, AE4YK at (540) 638-1257 dgleason@sitestar.net or Fred Bowling, KC4SUE at (540) 632-5165 jbowling@sitestar.net

RICHMOND (W4VEC)

To Be Announced. Go to www.w4vec.com for details

INFORMATION ABOUT SE VA EXAM SKEDS

For Southwest Virginia Exams, the test fee is $10.00. All tests except thos especially noted require advance registration. Bring orig and photo copy of current license and any license upgrade certifications. You will also need photo I.D. such as a State driver's license, or in the case of no license, two IDs will be required.

VE Exam Schedule Continues on Page 59

Western Carolina Amateur Radio Society/VEC, Inc.

WCARS / VEC

An Amateur Radio Volunteer Examiner Coordinator AND A Special Event Station Call Sign (1X1) Coordinator

For Newly Issued Callsigns, Call (423) 689-6358

(11:00 AM to Midnight - 7 Days a Week, including Holidays)

For other information including test session coordination, VE Team Formation, etc.:

Win Guin, W2GLJ
2138 Sonning Drive
Germantown, TN 38138
901 754-4552 WinGuin@bellsouth.net

Norman Harrill N4NH
7 Skylyn Court Asheville, NC 28806
704 253-1192
NormanHarrill@worldnet.att.net

Ray Adams, W4CPA
6702 Matterhorn Ct. - Knoxville, TN 37918
(423) 687-5410 Fax: 219-9871
WCARS@korrnet.org

John Chism ND4N
139 Mustang Cir. Simpsonville, SC 29681
864 967-0001
nd4n@mindspring.com

Visit us at http://www.korrnet.org/wcars
For Test Schedules - Contact People at each Site and Among Other things, an ONLINE REQUEST for
A SPECIAL EVENT STATION CALL SIGN

WE'RE STILL LOOKING FOR A FEW GOOD VE TEAMS!

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& Electronics Exposition

"Ham Radio is Fun"

Saturday June 9 (9 AM to 4 PM)

Friday June 8 (5 pm-9 pm): Electronics Exposition & Sneak Preview
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For Updated Info Check our Web Page at
http://www.korrnet.org/rack

GENERAL INFORMATION & RESERVATIONS

David Bower (K4PZT) Hamfest Chair
d.bower@ieee.org
(865) 670-1503

The Radio Amateur Club of Knoxville
PO Box 50514
Knoxville, TN
37950-0514

"Our 35th Annual Hamfest--and still Innovating"

The SERA Repeater Journal Southeastern
2001 HAMFEST/CONVENTION SCHEDULE

Please Note: Hamfest dates marked with an asterisk (*) are NOT confirmed and are based on information on record from the previous year's date, with no guarantee of accuracy. Hamfest sponsors are urged to get their correct show dates to the *Repeater Journal* Editor as soon as possible. We acknowledge and appreciate assistance in confirming dates from SERA & ARRL Directors; the ARRL, Commercial Dealers, and the response of many clubs and individuals sponsoring ham and computerfests. Deadline for May issue is Apr. 1, 2001.

FEBRUARY, 2001

2-3 (fri-sat) . . . . Capital City Hamfest, JACKSON, MS
3 . . . . Hamfest at Stall HS, N. CHARLESTON, SC
3-4 . . . Fl. St. ARRL/HF at Dade Expo Cen, MIAMI, FL
9-11 . . ARRL Sec./Hamfest, Cen.Fl. FG, ORLANDO, FL
10-11. . . . TN State ARRL Conv/Hamfest, MEMPHIS, TN
11. . . . . Hamfest, MANSFIELD, OH
11. . . . . Hamfest, Nat'l Grd. Armory, ELKIN, NC
17 . . . . Hamfest, SEBRING, FL
24. . . . . Cabin Fever Hamfest, LaPORTE, IN
24 . . . . Dalton ARC Hamfest, DALTON, GA
25 . . . . Hamilton Cty ARPSC Hamfest, CINCINNATI, OH
25 . . . Cuyahoga Falls ARC HF, CUYAHOGA FALLS, OH
25 . . . Vienna Wireless Assn Winterfest, ANNADALE, VA

MARCH, 2001

3 . . . Gulfcoast ARC Hamfest, NEW PORT RICHEY, FL
3 . . . . AR River Val. Hamfest, RUSSELLVILLE, AR
3. . . . Mam. Cave ARC Ham/Swapfest, CAVE CITY, KY
10. . . . . . . Kerbela Hamfest at Temple, KNOXVILLE, TN
10-11. . . . . HF/Comp. Show, CHARLOTTE, NC
17 . . . . . . Swapfest at Cty FG, FT. WALTON BEACH, FL
17 . . . . Hamfest at Jim Miller Pk, MARIETTA, GA
17 . . . Hamfest at Coonskin Armory, CHARLESTON, WV
17. . . . . Hamfest, Martin Cty. Fg, STUART, FL
18 . . . . Toledo MRA Hamfest, MAUMEE, OH
24. . . . . Middle TN ARS Hamfest, TULLAHOMA, TN
24. . Plateau Hamfest (frmly Fayetteville), BECKLEY, WV
25. . . . Downeast HF - Lenior Cty. Frgrds, KINSTON, NC
25. . . . . Lake Cty ARA Hamfest, MADISON, OH
31 . . Lincoln Trail ARC Hamfest, ELIZABETHTOWN, KY
31-Apr. 1 . MD St.-BARC-Conv/Hamfest, TIMONIUM, MD

APRIL, 2001

7 . . . . Cave Run ARA Hamfest, MOREHEAD, KY
8. . . . . RARSFest, Comp. Fair, RALEIGH, NC
8 . . . . Swapfest at Tombigbee State Pk., TUPELO, MS
21. . . . Chesapeake ARS Springfest, CHESAPEAKE, VA
21. . . . . . Catawba Val. HF & Comp., MORGANTON, NC
21 . . . . Hamfest, TAMPA, FL
28 . . . . . . Cherokee Cap. ARS Hamfest, CALHOUN, GA
28 . . . . . . 4th Salkehatchie Tailgate Party, WINSOR, SC
28-29 . . . . Hamfest, GAINESVILLE, FL
29. . . . . Athens Co. ARA Hamfest, ATHENS, OH
29. . . . . Hamfest, CANFIELD, OH

MAY, 2001

4-5. . . . . LA State ARRLConv./HF, BATON ROUGE, LA
5 . . Upstate Hf (Blue Rdg. ARS), SPARTANBURG, SC
5 . . . Big Sandy ARC 3rd Annual Hamfest, LOUISA, KY
5-6. . . . . Birminghamfest, BIRMINGHAM, AL
6. . . . . Antietam RA Hamfest, HAGERSTOWN, MD
6. . . . . Jax Cty ARC Hamfest, RIPLEY, WV
12*. . . Clksvl. Am.Xmit.Soc Hamfest, CLARKSVILLE, TN
18-20 . . . . Hamvention, DAYTON, OH
19 . . . . Hamfest, STATESBORO, GA
26* . Pennyrile Tailgate at Park, DAWSON SPRINGS, KY
26 . . . . Dur-HamFest at S. Sq. Mall, DURHAM, NC
27*. . . . . . . MD FM Assn. Hamfest, W.FRIENDSHIP, MD

Need Your Hamfest Listed?
Need Confirmed date Listed?
Contact the Repeater Journal Editor!
Deadline for May issue is April 1

JUNE, 2001

1-2 (Fri-sat) . . . . HF at Jax Cty. FG PASCAGOULA, MS
1-3 . . . . SERA Summer Bd Meet, PIGEON FORGE, TN
2 . . . . GA Sect. ARRL/HF, ATLANTA (MARIETTA), GA
3 . . . . . Ole Va Hams, Hamfest at FG, MANASSAS, VA
3 . . . . Hamfest, PRINCETON, IL
8 (Fri eve). Elec. Expo/Sneak Preview, KNOXVILLE, TN
9 . . . . . . Hamfest & Electronics Expo, KNOXVILLE, TN
9. . . . . HF/Computer Fair, ALBANY, GA
9 . . . . . . Franklin ARRA Picnic/Tailgate, FRANKLIN, VA
9 . . . Hamfest at Dixie Frgrnds, WINSTON-SALEM, NC
10 . . . . N. Ky ARC Hamfest, INDEPENDENCE, KY
10 . . . . Hamfest (Suffield) AKRON, OH
16* . . . . Nashville ARC Hamfest, NASHVILLE, TN
17* . . . . Frederick ARC Hamfest, FREDERICK, MD
17* . . . . LakeCty ARC Hamfest, CROWN POINT, IN
17* . . . . Cuyahoga ARS Hamfest, MACEDONIA, OH
23-24 . . . . ARRL FIELD DAY

JULY, 2001

7 . . . ARRL Cen.Div.Conv/Hamfest, INDIANAPOLIS, IN
7* . . . . Hamfest, KANSAS CITY, MO
7 . . . . . . Firecracker HF at Civic Cen, SALISBURY, NC
14. . . . . . . Lanierland ARC Hamfest, GAINESVILLE, GA
14 . . . . Hamfest at Bradley HS, CLEVELAND, TN
15*. . . . . VanWert ARC Hamfest, VAN WERT, OH
20-21* (fri-sat) . . . . . . Milton ARC Hamfest, MILTON, FL
21. . . . . Midsummer Swapfest, CARY, NC
21. . . . . Rhea Cty. ARS Hamfest, DAYTON, TN
28. . . . . OH-KY-IN ARS Hamfest, CINCINNATI, OH
28. . WCARS HF, Haywood Cty. FG, WAYNESVILLE, NC
29 . . . . Portage Cty ARC Hamfest, RANDOLPH, OH
29 . . . . BRATS HF and Computer Fest, TIMONIUM, MD

AUGUST, 2001

4*. . . . . HF at Wm. Byrd H.S. VINTON, ROANOKE, VA
4. . . . Voice of Aladdin ARC Hamfest, COLUMBUS, OH
4* . . . . Hamfest, SPRINGFIELD, MO
5. . . . . . 51st Annual Winchester HF, BERRYVILLE, VA
5. . . . . . . Hamfest at Stuben Cty Frgrnds, ANGOLA, IN
11. . CFARS Hamfest, at Meth. Col., FAYETTEVILLE, NC
11*. . . . . . TARA HF & Comp. Show, HUNTINGTON, WV
12. . . . . HF at Nat'l Grd. Arm, LEXINGTON, KY
18-19 . . . . HF at Braun Civic Cen, HUNTSVILLE, AL
19* . . . . Tippecanoe ARA Hamfest, LAFAYETTE, IN
19* . . . . Warren ARA Hamfest, WARREN, OH
25* . . . . WV State Conv/HF, (Jksons Mill) WESTON, WV
26* . Sht. Mt. RC, Hamfest, CEDARS OF LEBANON, TN

SEPTEMBER, 2001

1-2 . . . . . . Hamfest at Cleveland Cty FG, SHELBY, NC
8*. . . . . Owen Cty ARA Hamfest, SPENCER, IN
8 . . . . Hamfest at Bullit Cty FG, LOUISVILLE, KY
8-9* . . . . Hamfest at Auditorium, MELBOURNE, FL
9. . . . . Findlay ARC Hamfest, FINDLAY, OH
9 . . . . Butler Cty ARA Hamfest, BUTLER, PA
15*. . . . . Hamfest, LITTLE ROCK, AR
15. . . . . Paulding ARC Hamfest, DALLAS, GA
16* . . . . Hamfest at Nat'l Grd. Armory, BUTNER, NC
16*. . . . . . Greater Cinci ARA Hamfest, CINCINNATI, OH
22-23. . . . . Hamfest, VIRGINIA BEACH, VA
23* . . . . FARS Hamfest, BOWIE, MD
23* . . . . . Hamfest Assn. of Clev. HF, CLEVELAND, OH
23*. . Suncoast ARC Hamfest, NEW PORT RITCHEY, FL

OCTOBER, 2001

6 . . . . Hamfest/Computer Fair, ROCK HILL, SC
7* . . . . . Columbia ARA Hamfest, W. FRIENDSHIP, MD
13*. . . . . Stafford ARA Hamfest, STAFFORD, VA
13 (New Dte) . . . . Hamfest, OAK RIDGE, TN
13 . . . ARC of Augusta, HF/Comp Show, AUGUSTA, GA
20* . . . Tri-Cities Hamfest at Appalachian FG, GRAY, TN
27 . . . . HF at C.Jordan in E.Ridge, CHATTANOOGA, TN
27*. . . . Sumter ARC Hamfest/Comp. Fair, SUMTER, SC
28* . . . . Marion ARC Hamfest, MARION, OH

NOVEMBER, 2001

3*. . . . . UCARS HF at Nat'l Grd. Ar., MONROE, NC
3* . . . . Lake ARA Hamfest, SORRENTO, FL
3-4. . . . . . HR/Comp. Expo '01, LAWRENCEVILLE, GA
10. . . Beachfest 2001 Fleamarket, MYRTLE BEACH, SC
10* . . . . . Hamfest at St. Fairgrnds, MONTGOMERY, AL
10*. . . . . Hamfest, PORT. ST. LUCIE, FL
16-17* (fri-sat) . . . . Hamfest, OCEAN SPRINGS, MS
16-17* . . Twin City Hams Hamfest, WEST MONROE, LA
17* . . . . Hamfest, CORAL GABLES, FL
17* . . . . Grant ARC Hamfest, GEORGETOWN, OH
17-18. . . . . . IN St. ARRL Conv/Hamfest, FT. WAYNE, IN
18 . JARSFEST 2001 at American Legion, BENSON, NC
24. . . . . EARS Hamfest, EVANSVILLE, IN

DECEMBER, 2001

1* . . . . Hamfest, MINDEN, LA
1-2*. . . . . Hamfest. PALMETTO, FL
2* . . . . Hancock ARC Hamfest, GREENVIELD, IN
8. . . . . Union Cty ARC Hamfest, at Armory UNION, SC

2002 CONFIRMED DATES

May 17-19. . . . . Dayton Hamvention, DAYTON, OH
Aug. 4 . . 52nd Annual Winchester HF, BERRYVILLE, VA
Aug. 16-17. . . . . Hamfest, HUNTSVILLE, AL

2003 CONFIRMED DATES

May 16-18. . . . . Dayton Hamvention, DAYTON, OH
Aug. 6. . . 53rd Annual Winchester HF, BERRYVILLE, VA

Hamfest Advertising in the
Repeater Journal
PAYS FOR ITSELF

VE/VEC EXAM SCHEDULE Continues

(Continued from Page 57)

SOUTHEAST VIRGINIA EXAMS

CHESAPEAKE (CARTS)

Chesapeake AR Testing Service conducts Thursday evening Tests. Schedule is: Feb. 8, Mar., 8, Apr., 12, May 10, Jun. 14, Jul., 12, Aug., 9, Sep. 13, Oct., 11, and Nov. 8. Contact Pat Phelps, AF4FR at 421-9598.

GLOUCESTER (W5YI-VEC)

The VA Radio Amateur College of Examiners holds Amateur Exams. The schedule is: Feb., 24, May 26, Aug., 25, Oct., 27 & Nov. 24. Contact Bill Sale AE4RB at (804) 694-0690.

PORTSMOUTH (ARRL-VEC)

Portsmouth ARC conducts exams. Their schedule is: Feb., 3, & Nov. 3. Contact Art Thiemens, AA4AT at 484-2857.

VIRGINIA BEACH ARC (ARRL-VEC)

The Virginia Beach ARC conducts exams on May 24, Jun., 16, Sep. 29, & Dec. 8. Contact Melessa Errington, KC4BR at 430-3948.

VIRGINIA BEACH HAMFEST
SOUTHERN PENINSULA (SPARK) (ARRL-VEC)

Special VE exams will be held on Sep. 22 at the Virginia Beach Hamfest . Pre-registration only. Contact Ed Brummer, W4RTZ at 898-8031.

WILLIAMSBURG (ARRL-VEC)

The Williamsburg Amateur Radio Club conducts exams on Apr., 7, (Walk-in only) & Oct. 6. Contact Mike Conte, W4NYY at 566-8015

INFORMATION ABOUT W4VEC VEC EXAMS
Coordinator - Rae, K4SWN, (336) 841-7576
email: raef@lexcominc.net or w4vec@aol.com
Also Jim, NQ4T and Chris, AF4RA. Check the W4VEC web site for updates and info <www.w4vec.com >
Additional dates may be added in various areas. Check their web site. Exams are also conducted in several Florida and Puerto Rico locations. Exam Fee: $10.00
NOTE: FCC now requires your social security number or license I.D. number before any paperwork can be filed.
Bring copy and current license, S.S.N. or FCC license IF number and a photo ID. If unlicensed, bring 2 IDs, with one photo and your SSN.

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Join or renew as a SERA Full Repeater Member

SouthEastern Repeater Association, Inc.

The not-for-profit Recognized Repeater Coordinator for: GA, KY, MS, NC, SC, TN, VA, & WV

2001 Repeater Full Membership Application

Please fill out the this short form SERA Full Member Application completely. Maximum number of letters for your repeater name is 14 characters. Be sure to list 2 persons as SERA representatives. ONLY these two will have voting rights, and receive the *Repeater Journal.* MAIL YOUR CHECK AND APPLICATION TO: SERA FULL MEMBERSHIP, P.O. BOX 215, TOBACCOVILLE, N.C. 27050. Deadline to be listed as member in next May, 2001 Repeater Journal is April 10, 2001.

	CITY/ MTN. ETC. (MAX 14 LETTERS)	RPTR CALLSIGN	INPUT FREQ.	OUTPUT FREQ
RPTR #1				
RPTR #2				
RPTR #3				
RPTR #4				

USE AS MANY LINES ABOVE AS YOU HAVE REPEATERS-ONE FOR EACH REPEATER. IF MORE SPACE NEEDED, USE SEPARATE SHEET OF PAPER.

NAME TWO PERSONS WHO WILL REPRESENT SERA AS FULL MEMBERS. EACH WILL RECEIVE THE *REPEATER JOURNAL.*

NAME________________ CALL________
ADDRESS________________
CITY__________ STATE______ ZIP______
HOME PHONE #: (   ) ____________
E-MAIL ADDRESS: ____________
ARRL MEMBER: [   ] YES [   ] NO

NAME________________ CALL________
ADDRESS________________
CITY__________ STATE______ ZIP______
HOME PHONE #: (   ) ____________
E-MAIL ADDRESS: ____________
ARRL MEMBER: [   ] YES [   ] NO

FULL MEMBERSHIP: [   ] NEW [   ] RENEWAL - ($20.00 FOR YEAR 2000 - 1/1/01 thru 12/31/01) FEE ENCL. - AMOUNT $________
REPEATER IS SPONSORED BY: (Name of Club OR Owner)________________
REPEATER TRUSTEE'S NAME________________ CALLSIGN ________

IF A 2001 SERA REPEATER DATASHEET WAS NOT RECEIVED LAST OCTOBER, INDICATE PERSON'S NAME AND ADDRESS TO SEND 2002 TO:
NAME ________________ CALLSIGN________________
ADDRESS________________ CITY________________ STATE________ ZIP________

- *IMPORTANT NOTE: ONLY OFFICIALLY SERA COORDINATED, ON-AIR, OPERABLE REPEATERS ARE ELIGIBLE FOR SERA FULL MEMBERSHIP*

An application for SERA Full Membership status, and the payment of the respective dues thereof, does NOT constitute coordinated status for the repeater(s) listed on this application or accompanying sheets. Contact your local coordinator to learn how to obtain coordinated status.

RJ 02-01

THANK YOU FOR YOUR GENEROUS FINANCIAL SUPPORT OF THE SOUTHEASTERN REPEATER ASSOCIATION, INC. - YOUR LOCAL COORDINATOR

REPEATER OWNERS! - A LITTLE REMINDER!

Which State will get the highest percentage of Full Member Repeaters in 2001. Will it be your State? Be part of the winning team - make your repeaters Full Member Repeaters and be listed as such in our exclusive 8-State Southeastern Repeater Index - At the Same time Support your Coordinator!

SERA Repeater Journal
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DR-135TP. Two Meters. Features Not Seen Before.

INTERNAL TNC FOR PACKET AND APRS®

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EMS-56
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TSQ
145.000
BUSY
VOL PWR
SET
MW
SHIFT
LOCK
H/L
D
FUNC
V/M
MHz
TS/DCS
CALL
SQL

actual size

- Choose black (DR-135TP) or pewter (DR-135TPG) front panel color
- DR-135T can be purchased without TNC; EJ-41U TNC board can be added later
- 50 watts, H/M/L power settings
- 100 memory channels
- TNC board operates 1200 and 9600 bps
- Front panel GPS input for APRS
- Rear panel DSUB9 computer connection
- No need to remove mic for packet operation
- Ignition key on/off feature
- CTCSS and DCS encode+decode
- Clean, clear Alinco audio
- Super-wide 7 character alphanumeric display
- Wide and narrow FM modes
- Theft alarm feature
- AM airband receive
- Backlit microphone
- Stays in mode you select (voice/packet) through power off cycles
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